

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040917.D
 Acq On : 22 Oct 2020 21:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Quant Time: Oct 23 07:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	59674	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	24864	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22446	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	109300	3.927	ug/l 100
3) Chloromethane	1.53	50	163655	5.642	ug/l 99
4) Vinyl Chloride	1.61	62	168658	6.243	ug/l 100
5) Bromomethane	1.87	94	106972	6.738	ug/l 97
6) Chloroethane	1.94	64	109659	6.642	ug/l 100
7) Trichlorofluoromethane	2.15	101	250549	7.341	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	137663	7.255	ug/l 99
9) 1,1-Dichloroethene	2.59	96	126299	7.643	ug/l 98
10) Iodomethane	2.74	142	146984	7.403	ug/l 99
11) Allyl Chloride	2.94	41	282604	8.305	ug/l 94
12) Acrylonitrile	3.34	53	220854	37.907	ug/l 96
13) Acetone	2.66	43	198203	40.646	ug/l 99
14) Carbon Disulfide	2.81	76	374785	6.035	ug/l 100
15) Methylene Chloride	3.06	84	164196	7.649	ug/l 98
16) trans-1,2-Dichloroethene	3.37	96	148403	7.934	ug/l 99
17) 1,1-Dichloroethane	3.89	63	315903	8.257	ug/l 99
18) 2-Butanone	4.75	43	337396	42.773	ug/l 99
19) Cyclohexane	5.40	56	212298	5.896	ug/l 91
20) Methylcyclohexane	6.77	83	196852	7.309	ug/l 97
21) 2,2-Dichloropropane	4.68	77	255408	7.907	ug/l 99
22) cis-1,2-Dichloroethene	4.69	96	172434	8.640	ug/l 95
23) Diethyl Ether	2.39	59	126211	7.735	ug/l 99
24) tert-Butyl Alcohol	3.26	59	58831	32.320	ug/l # 86
25) Methyl tert-Butyl Ether	3.39	73	393722	7.680	ug/l 100
26) Bromochloromethane	4.99	128	79308	9.143	ug/l 95
27) Chloroform	5.11	83	316406	8.654	ug/l 100
28) 1,1,1-Trichloroethane	5.33	97	259975	8.247	ug/l 99
29) 1,1-Dichloropropene	5.54	75	223298	8.085	ug/l 99
30) Carbon Tetrachloride	5.54	117	234787	8.229	ug/l 97
31) Isopropyl Ether	4.02	45	536994	9.077	ug/l # 1
33) Tert-Amyl methyl ether	5.79	73	12156	0.313	ug/l # 1
34) Propionitrile	4.83	54	172154	79.487	ug/l # 35
35) Benzene	5.79	78	659966	8.620	ug/l 99
36) 1,2-Dichloroethane	5.81	62	241452	8.508	ug/l 99
37) Trichloroethene	6.55	130	151014	8.345	ug/l 93
38) 1,2-Dichloropropane	6.80	63	190851	8.787	ug/l 96
39) Methacrylonitrile	5.00	41	88104	8.677	ug/l 99
40) Methyl acrylate	4.87	55	150931	10.841	ug/l # 93
41) Tetrahydrofuran	5.09	42	195868	37.502	ug/l 99
42) 1-Chlorobutane	5.47	56	307788	7.372	ug/l 99
43) Dibromomethane	6.93	93	102511	8.422	ug/l 99

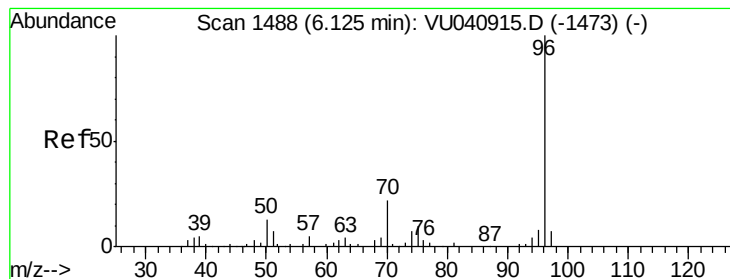
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040917.D
 Acq On : 22 Oct 2020 21:57
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Quant Time: Oct 23 07:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	7.12	83	257188	9.100	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	783238	49.011	ug/l	99
46) t-1,4-Dichloro-2-butene	10.82	75	204144	32.305	ug/l #	40
47) Methyl methacrylate	6.98	69	94235	9.272	ug/l	98
48) Ethyl methacrylate	8.34	69	174994	10.235	ug/l	99
49) Toluene	7.98	92	403535	9.585	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	234046	9.582	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	248786	9.294	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	146192	9.499	ug/l	95
53) 1,3-Dichloropropane	8.58	76	253872	9.188	ug/l	99
54) 2-Hexanone	8.70	43	557538	49.936	ug/l	99
55) Dibromochloromethane	8.82	129	168207	9.115	ug/l	98
56) 1,2-Dibromoethane	8.93	107	137404	9.629	ug/l	99
58) Tetrachloroethene	8.56	164	142041	8.396	ug/l	99
59) Chlorobenzene	9.45	112	411512	9.233	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	160376	9.158	ug/l	99
61) Pentachloroethane	11.43	117	134977	9.542	ug/l	98
62) Hexachloroethane	12.47	117	125621	8.725	ug/l	96
63) Ethyl Benzene	9.57	91	757276	10.258	ug/l	98
64) m/p-Xylenes	9.69	106	594525	18.227	ug/l	99
65) o-Xylene	10.10	106	266060	10.263	ug/l	99
66) Styrene	10.11	104	494129	9.171	ug/l	99
67) Bromoform	10.29	173	93676	9.379	ug/l	97
69) Isopropylbenzene	10.48	105	757689	10.959	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	196521	9.385	ug/l	100
71) 1,2,3-Trichloropropane	10.82	75	204144	12.788	ug/l	75
72) Bromobenzene	10.78	156	177298	9.836	ug/l	97
73) n-propylbenzene	10.90	120	203544	8.898	ug/l	97
74) 2-Chlorotoluene	10.98	126	178033	9.924	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	675567	9.402	ug/l	99
76) 4-Chlorotoluene	11.10	126	193870	10.427	ug/l	99
77) tert-Butylbenzene	11.42	119	596508	10.208	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	694776	9.327	ug/l	100
79) sec-Butylbenzene	11.64	105	789222	9.728	ug/l	99
80) Nitrobenzene	13.20	77	9901	9.997	ug/l	96
81) p-Isopropyltoluene	11.79	119	734970	9.344	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	365336	9.291	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	375289	9.439	ug/l	99
84) n-Butylbenzene	12.20	91	730945	10.763	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	358188	9.523	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	37397	9.566	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	245058	11.116	ug/l	99
88) Hexachlorobutadiene	14.01	225	120771	9.758	ug/l	99
89) Naphthalene	14.08	128	515921	9.337	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	237022	11.050	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 96 Resp: 59674

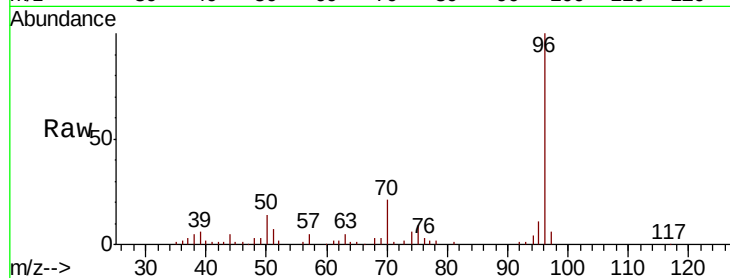
Ion Ratio Lower Upper

96 100

70 20.5 16.3 24.5

95 9.8 7.3 10.9

97 0.0 0.0 0.0

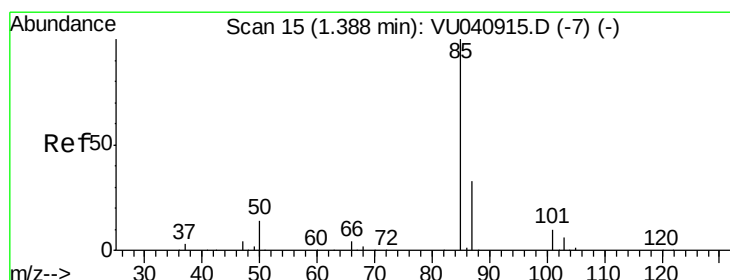
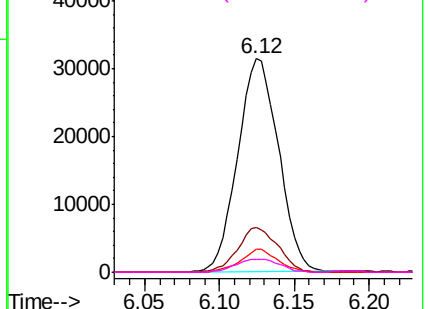
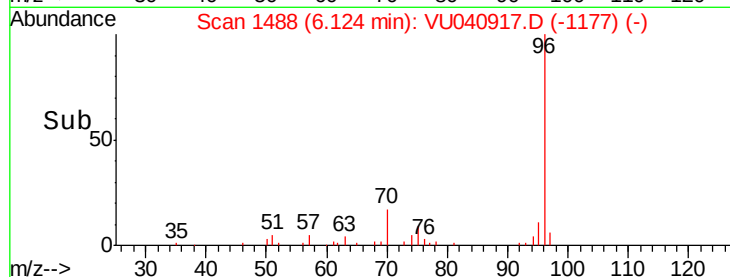


Abundance Ion 96.00 (95.70 to 96.70): VU040917.D (-1177) (-)

Ion 70.00 (69.70 to 70.70): VU040917.D (-1177) (-)

Ion 95.00 (94.70 to 95.70): VU040917.D (-1177) (-)

Ion 97.00 (96.70 to 97.70): VU040917.D (-1177) (-)



#2

Dichlorodifluoromethane

Concen: 3.927 ug/l

RT: 1.39 min Scan# 16

Delta R.T. 0.00 min

Lab File: VU040917.D

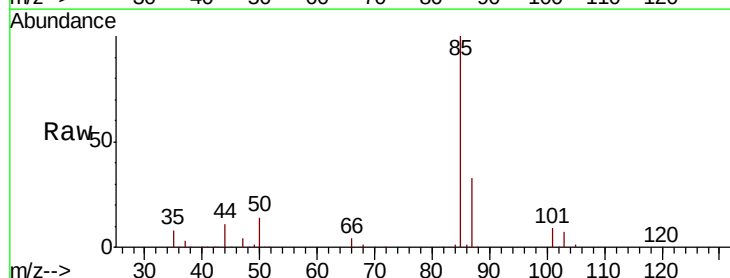
Acq: 22 Oct 2020 21:57

Tgt Ion: 85 Resp: 109300

Ion Ratio Lower Upper

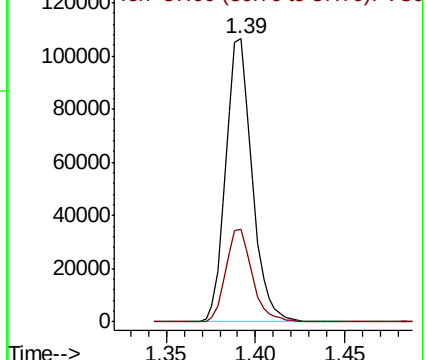
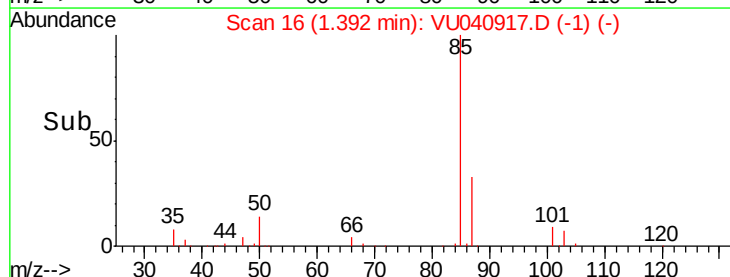
85 100

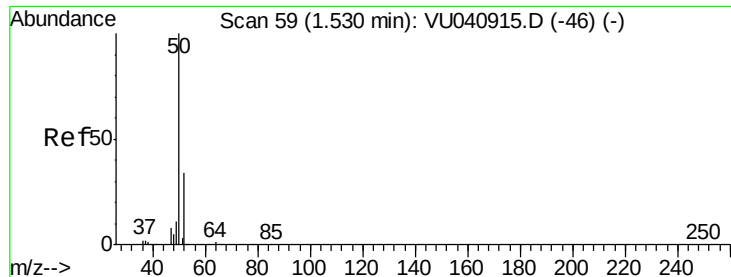
87 32.9 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040917.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU040917.D (-1) (-)





#3

Chloromethane

Concen: 5.642 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

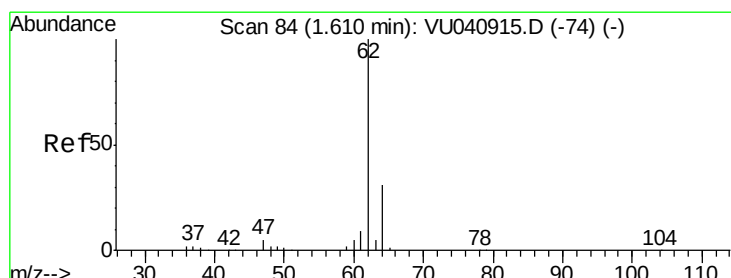
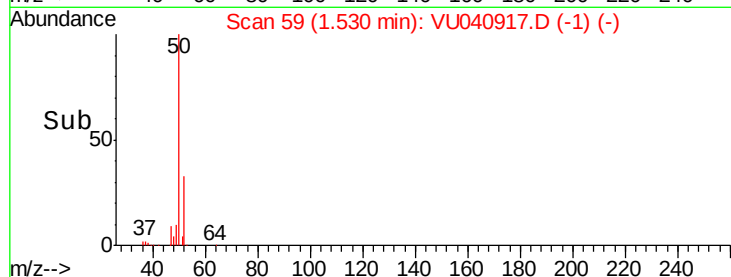
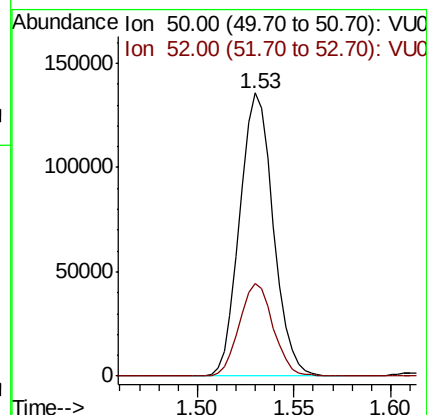
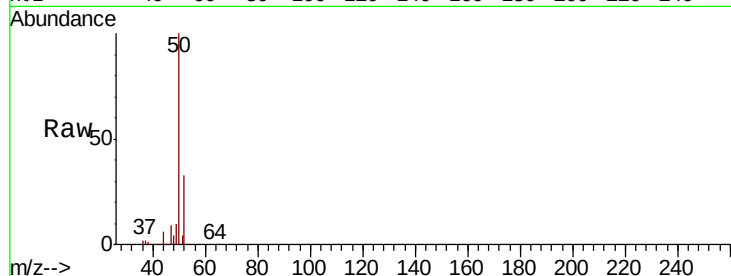
ICVVU102220

Tot Ion: 50 Resp: 163655

Ion Ratio Lower Upper

50 100

52 32.8 26.9 40.3



#4

Vinyl Chloride

Concen: 6.243 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040917.D

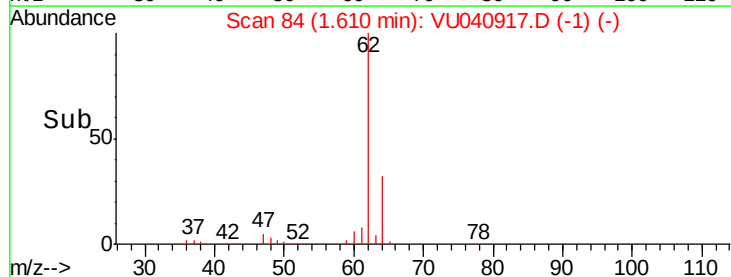
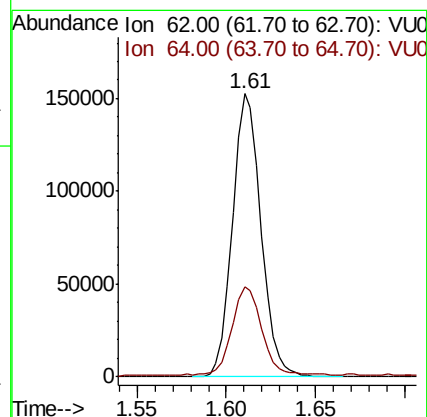
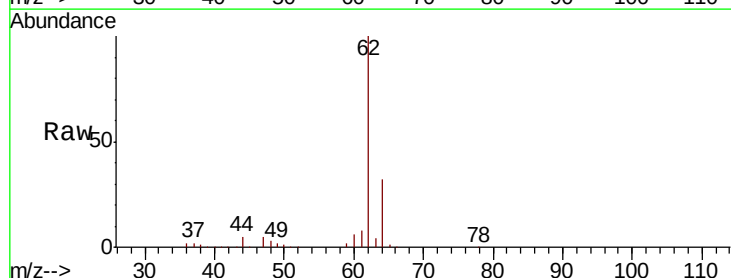
Acq: 22 Oct 2020 21:57

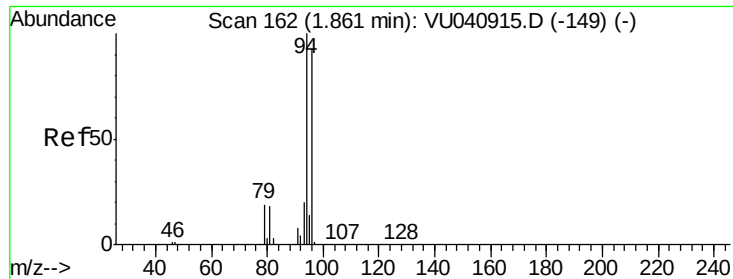
Tgt Ion: 62 Resp: 168658

Ion Ratio Lower Upper

62 100

64 30.9 24.7 37.1





#5

Bromomethane

Concen: 6.738 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

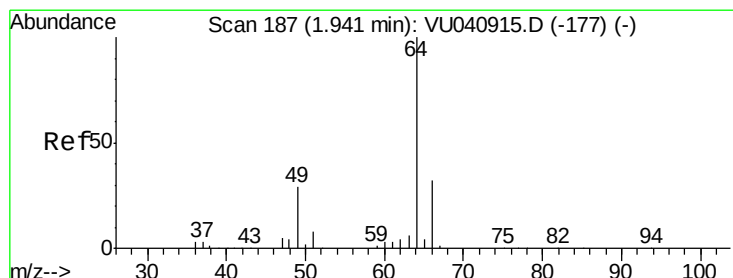
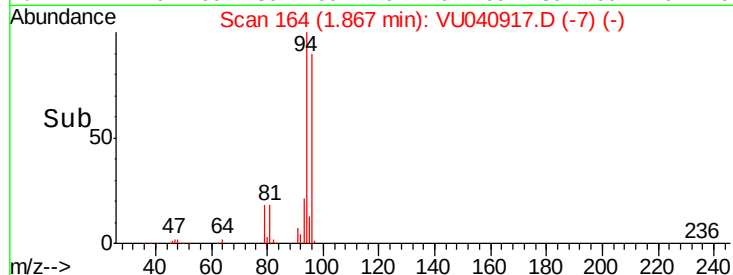
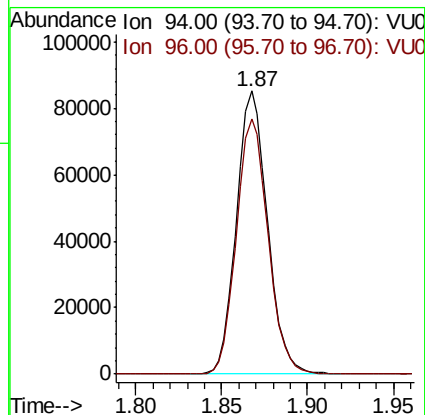
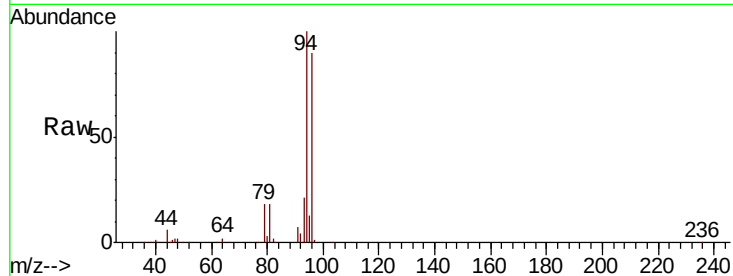
ICVVU102220

Tot Ion: 94 Resp: 106972

Ion Ratio Lower Upper

94 100

96 90.3 74.4 111.6



#6

Chloroethane

Concen: 6.642 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040917.D

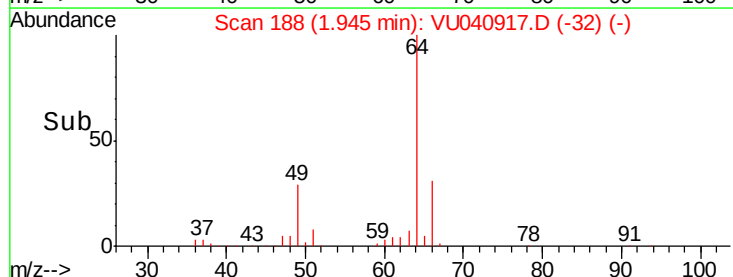
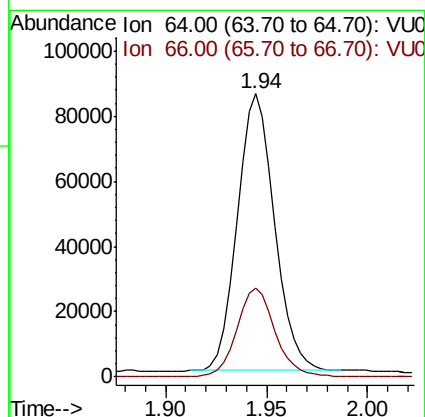
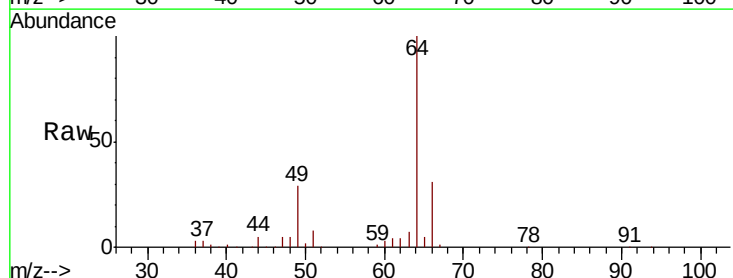
Acq: 22 Oct 2020 21:57

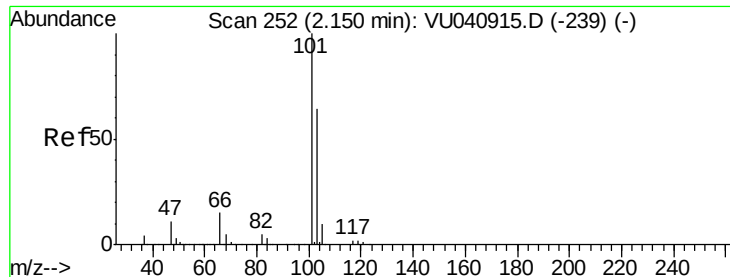
Tgt Ion: 64 Resp: 109659

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2



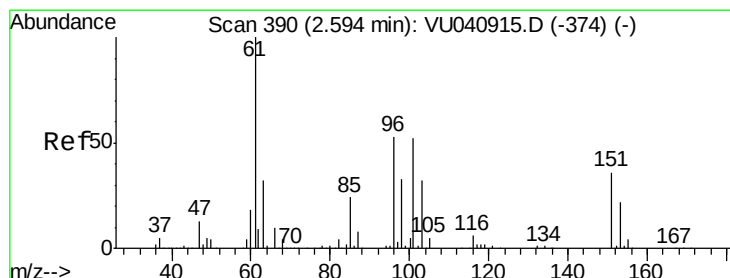
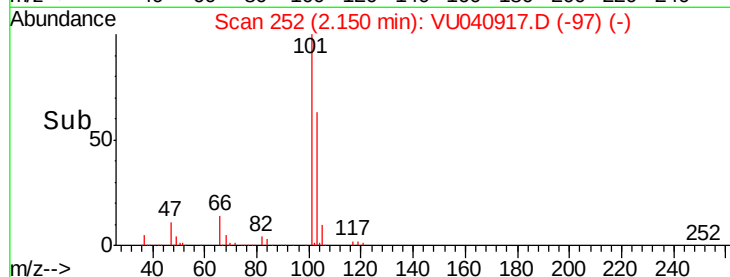
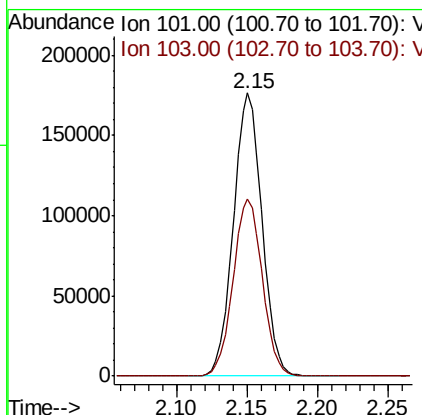
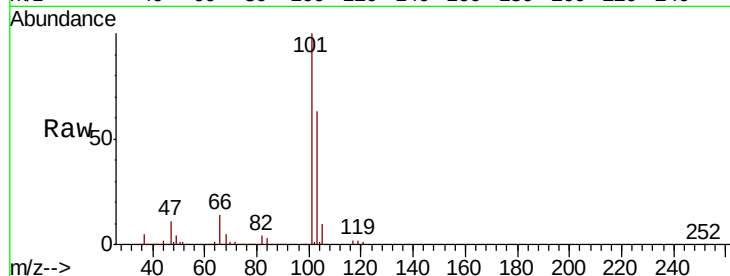


#7

Trichlorofluoromethane
 Concen: 7.341 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

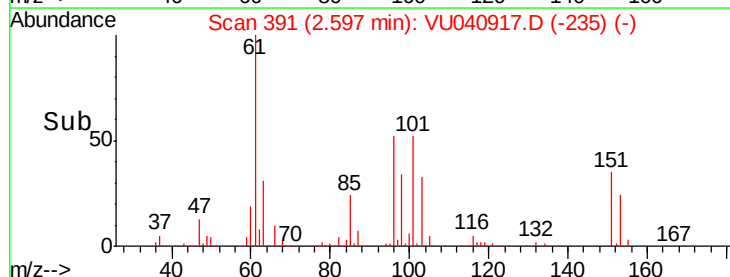
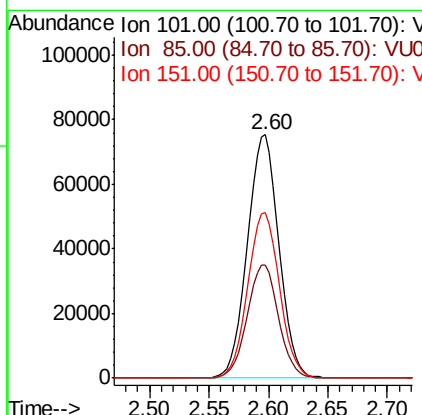
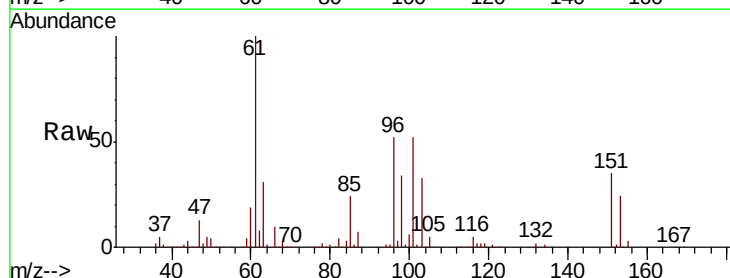
Tot Ion:101 Resp: 250549
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.5 77.3

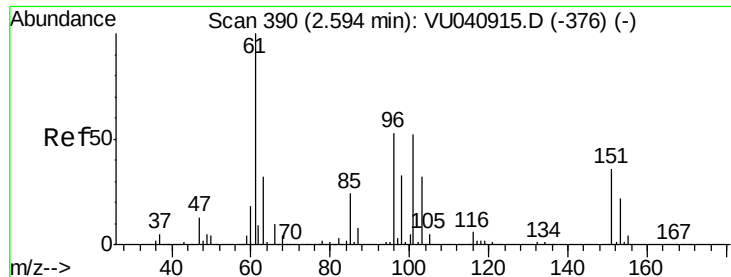


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.255 ug/l
 RT: 2.60 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:101 Resp: 137663
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.2 54.2
 151 68.8 55.1 82.7





#9

1,1-Dichloroethene

Concen: 7.643 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

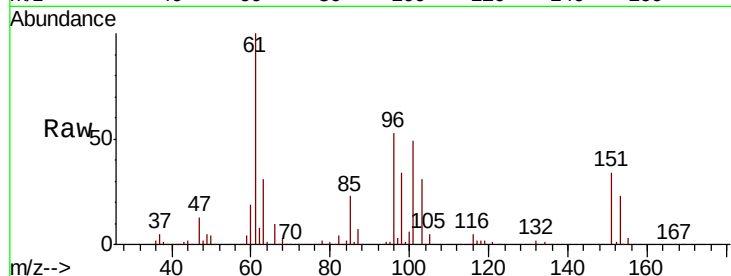
Tot Ion: 96 Resp: 126299

Ion Ratio Lower Upper

96 100

61 189.2 0.0 561.9

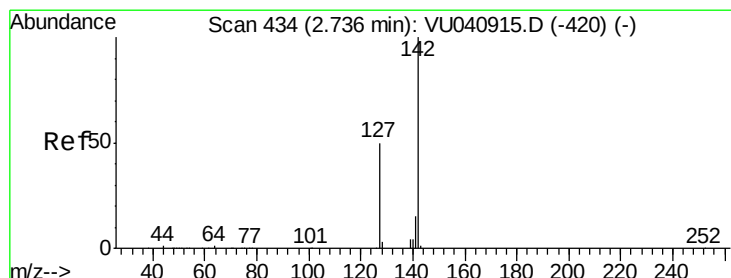
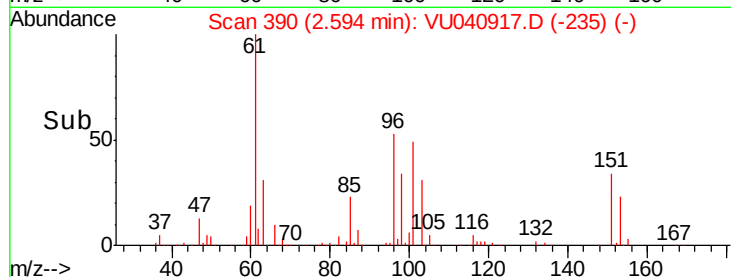
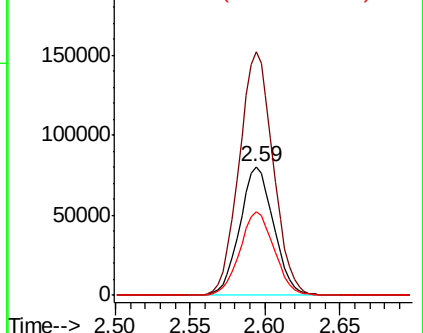
98 65.2 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040917.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040917.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040917.D (-235) (-)



#10

Iodomethane

Concen: 7.403 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040917.D

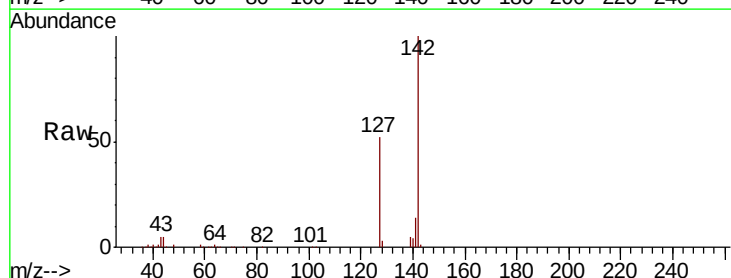
Acq: 22 Oct 2020 21:57

Tgt Ion: 142 Resp: 146984

Ion Ratio Lower Upper

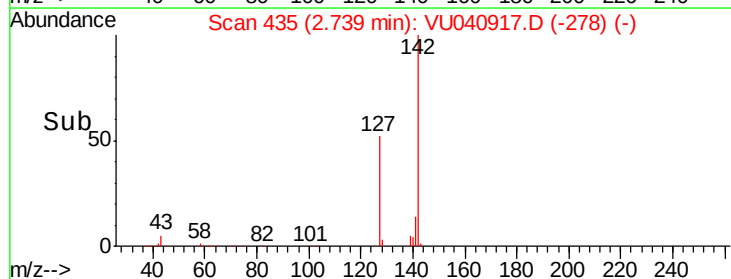
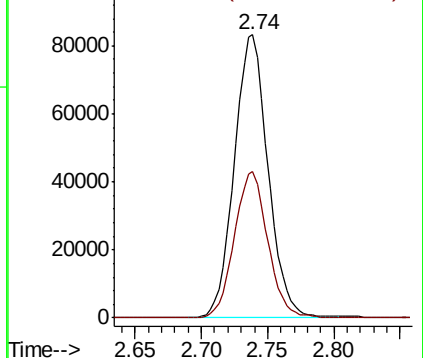
142 100

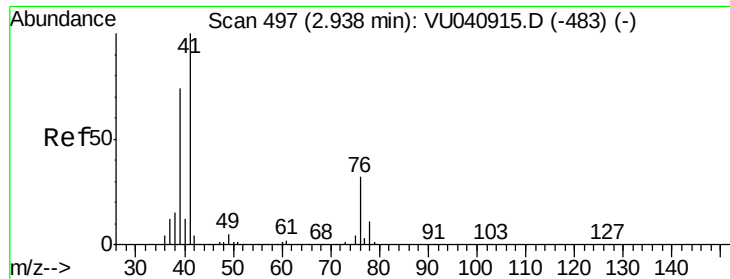
127 51.2 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040917.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040917.D (-278) (-)

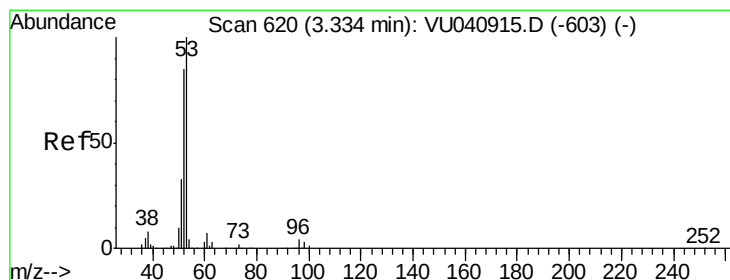
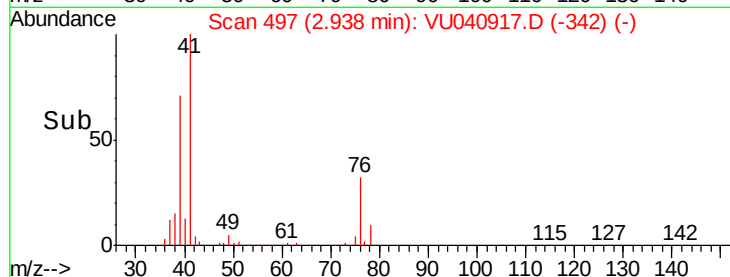
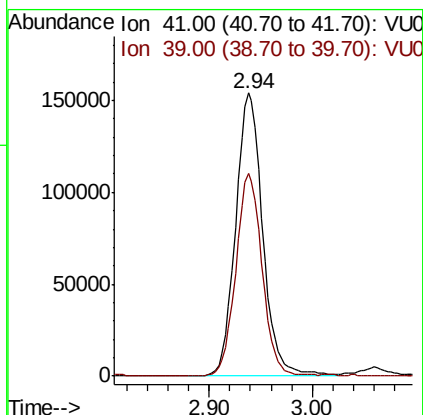
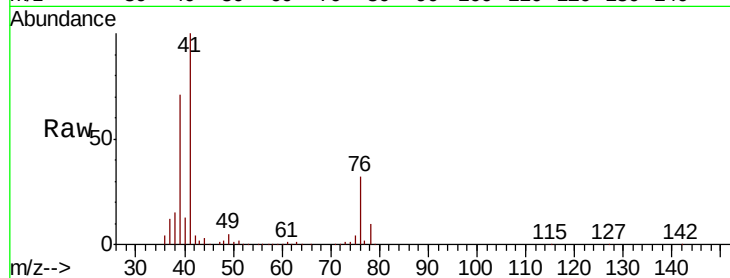




#11
 Allvl Chloride
 Concen: 8.305 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

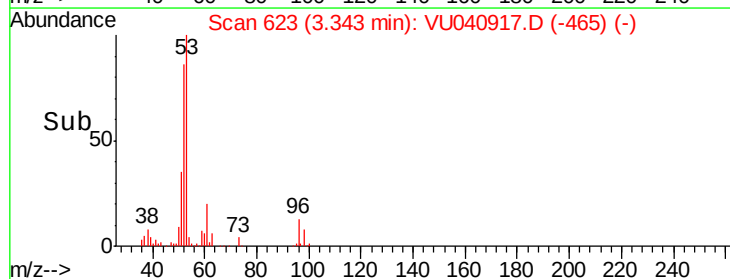
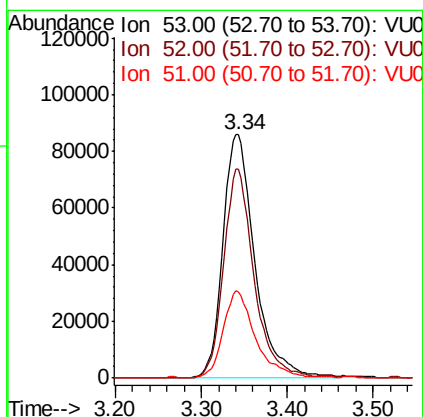
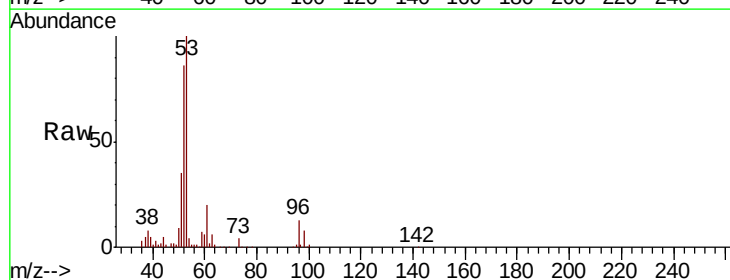
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

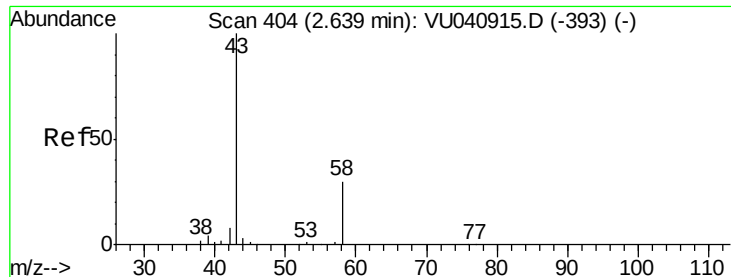
Tot Ion: 41 Resp: 282604
 Ion Ratio Lower Upper
 41 100
 39 68.9 59.0 88.4



#12
 Acrylonitrile
 Concen: 37.907 ug/l
 RT: 3.34 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 53 Resp: 220854
 Ion Ratio Lower Upper
 53 100
 52 82.1 63.1 94.7
 51 35.8 30.6 46.0





#13

Acetone

Concen: 40.646 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

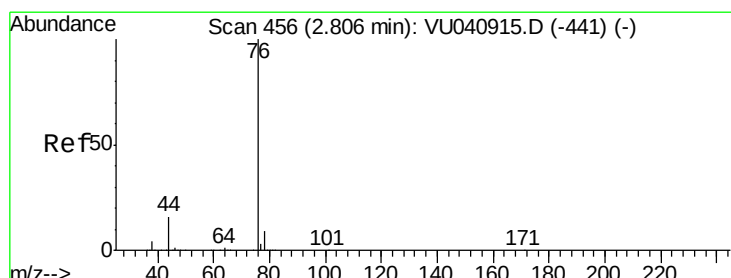
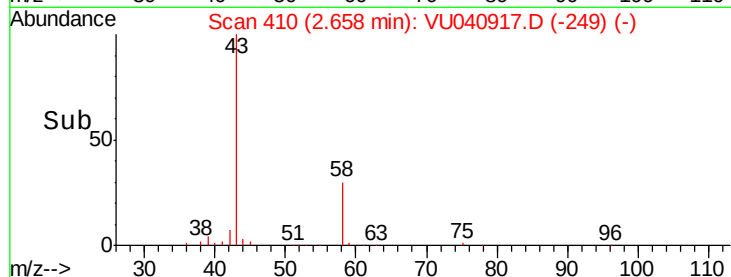
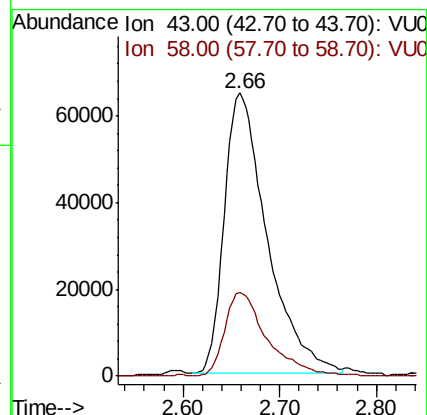
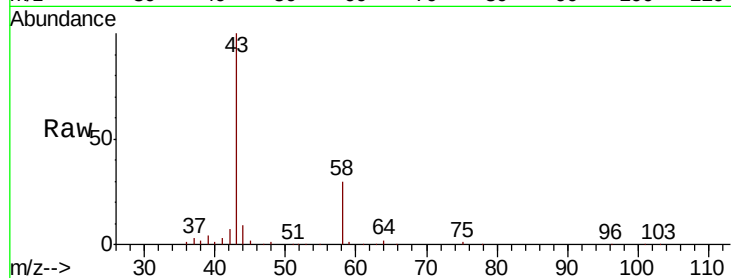
ICVVU102220

Tot Ion: 43 Resp: 198203

Ion Ratio Lower Upper

43 100

58 30.1 23.6 35.4



#14

Carbon Disulfide

Concen: 6.035 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040917.D

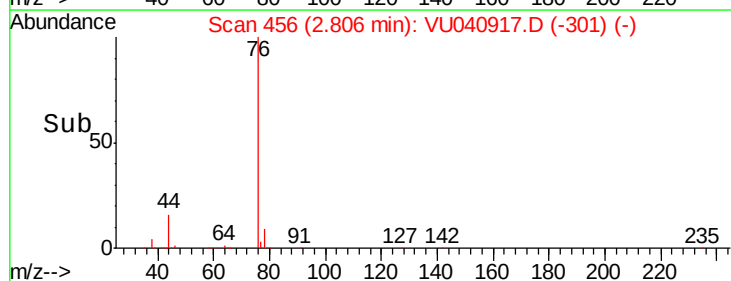
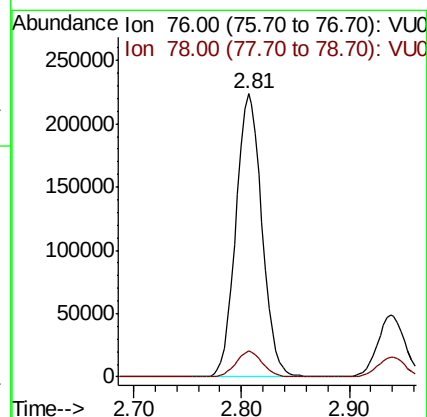
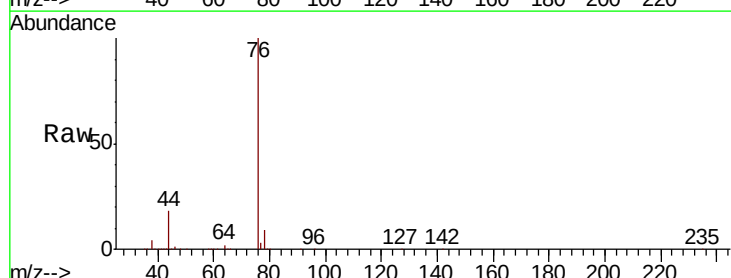
Acq: 22 Oct 2020 21:57

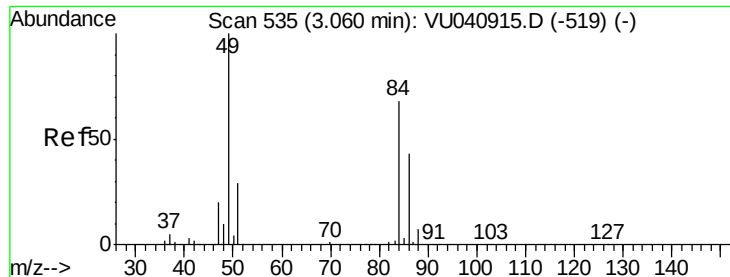
Tgt Ion: 76 Resp: 374785

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

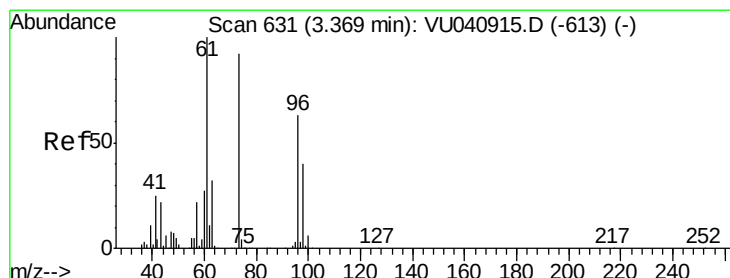
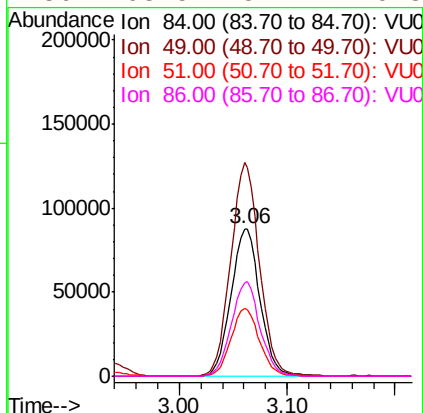
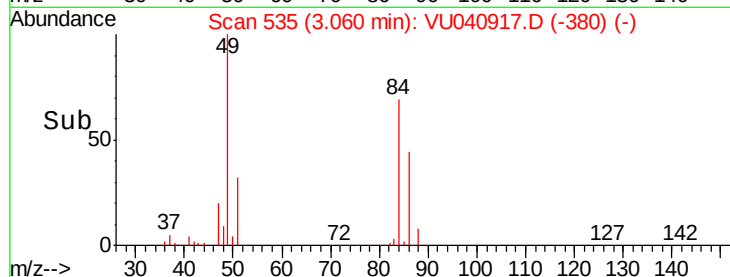
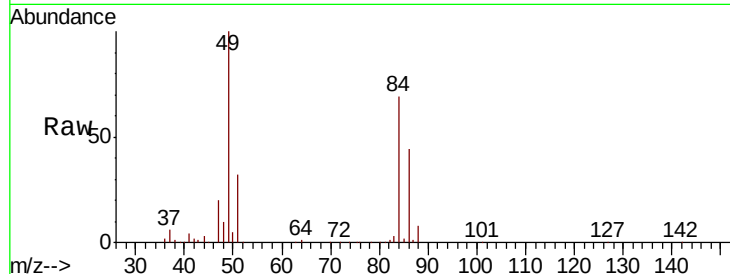




#15
Methylene Chloride
Concen: 7.649 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

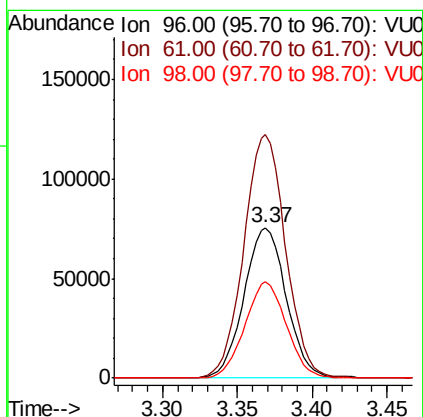
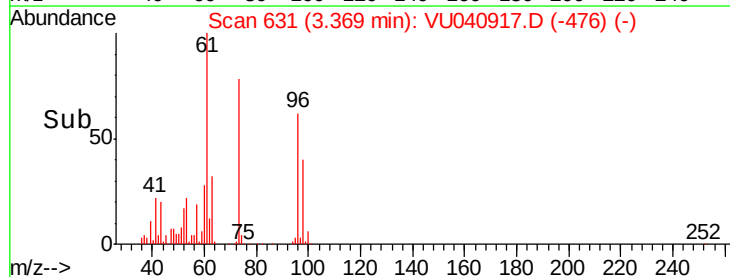
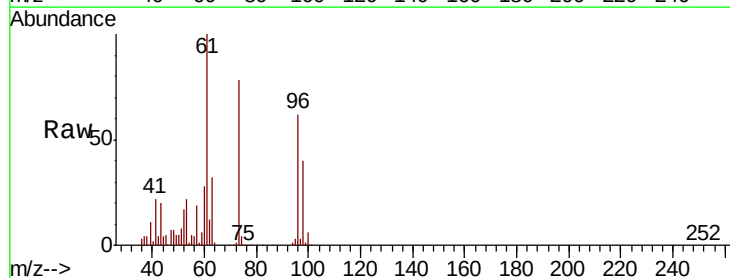
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

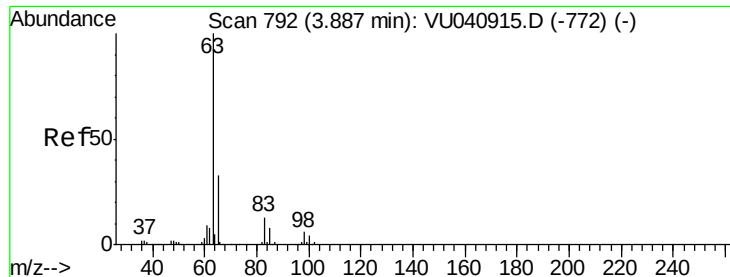
Tot Ion:	84	Resp:	164196
Ion	Ratio	Lower	Upper
84	100		
49	144.5	118.2	177.4
51	45.9	0.0	86.8
86	63.5	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 7.934 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion:	96	Resp:	148403
Ion	Ratio	Lower	Upper
96	100		
61	161.4	127.0	190.4
98	64.1	51.2	76.8

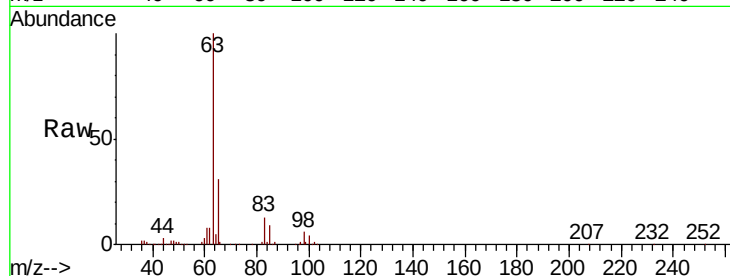




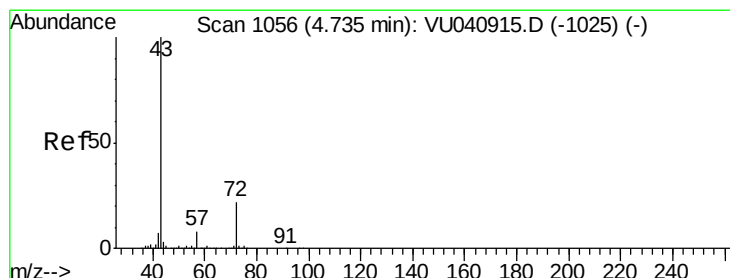
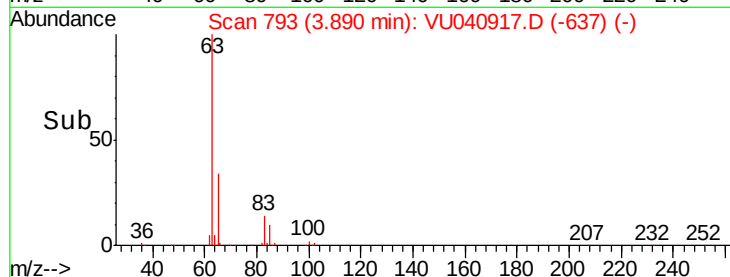
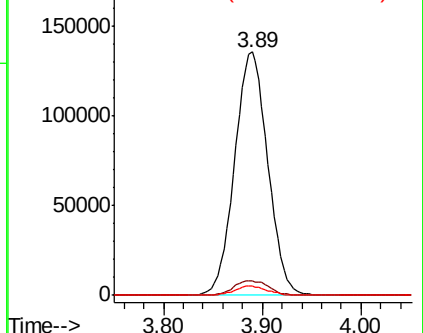
#17
 1,1-Dichloroethane
 Concen: 8.257 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion:	63	Resp:	315903
Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.0	9.2
100	3.7	1.8	5.5

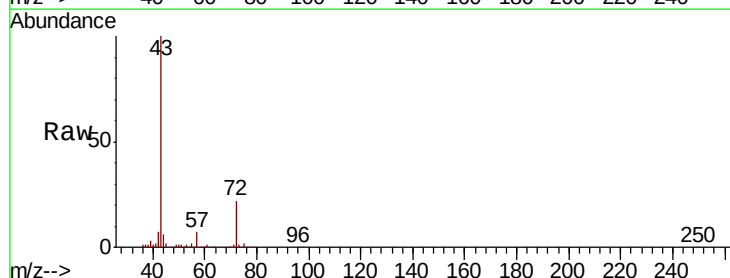


Abundance Ion 63.00 (62.70 to 63.70): VU040917.D (-637) (-)
 Ion 98.00 (97.70 to 98.70): VU040917.D (-981) (-)
 Ion 100.00 (99.70 to 100.70): VU040917.D (-1001) (-)

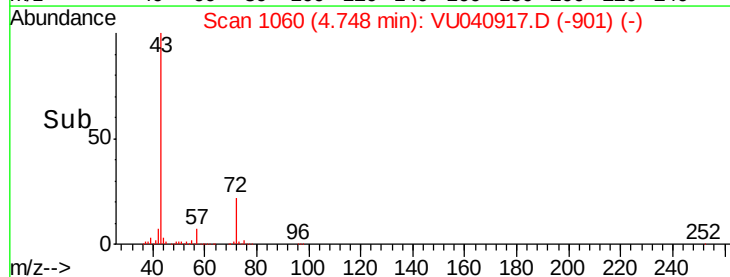
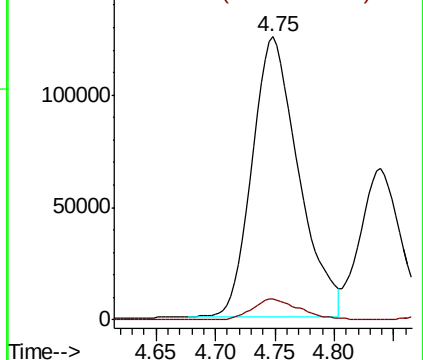


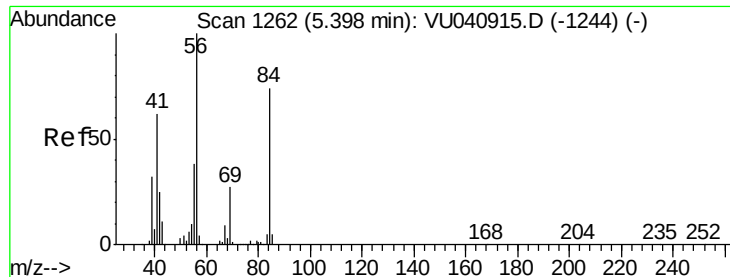
#18
 2-Butanone
 Concen: 42.773 ug/l
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:	43	Resp:	337396
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040917.D (-901) (-)
 Ion 57.00 (56.70 to 57.70): VU040917.D (-951) (-)

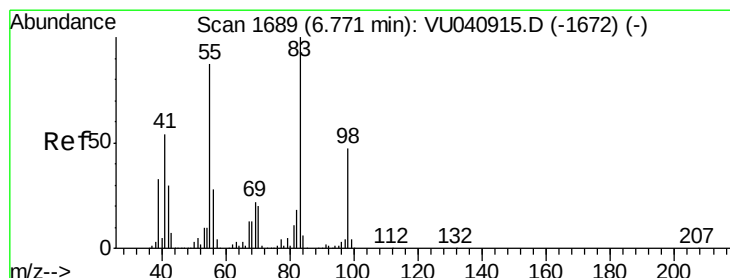
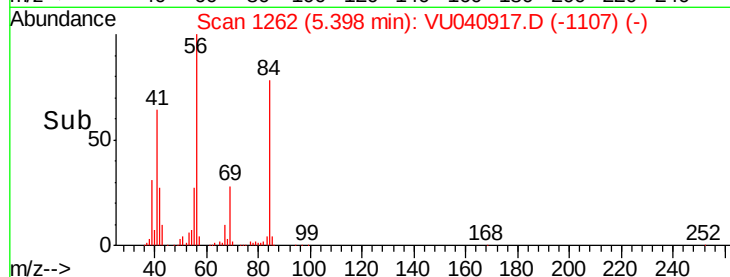
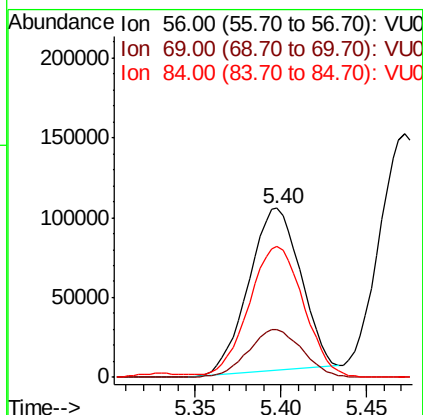
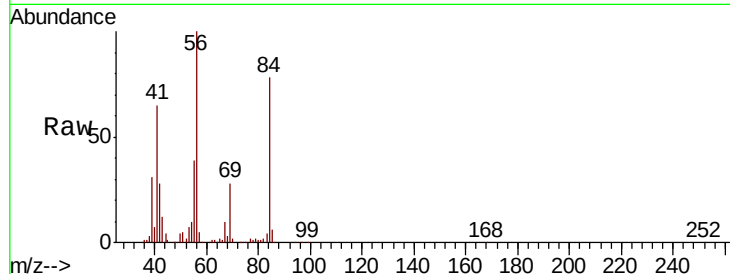




#19
Cyclohexane
Concen: 5.896 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

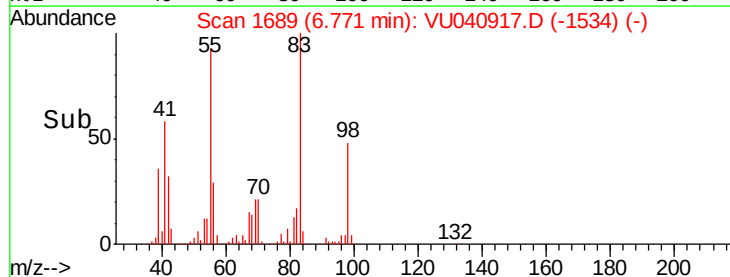
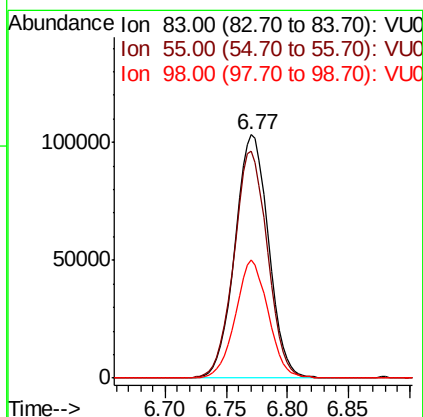
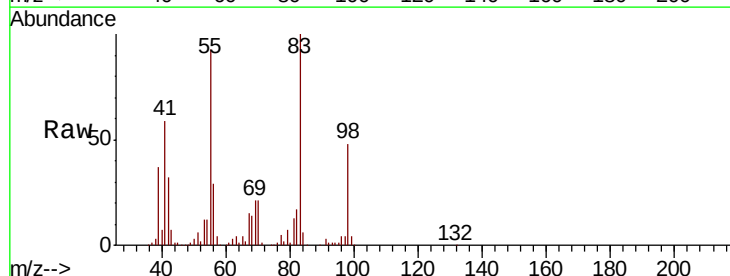
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

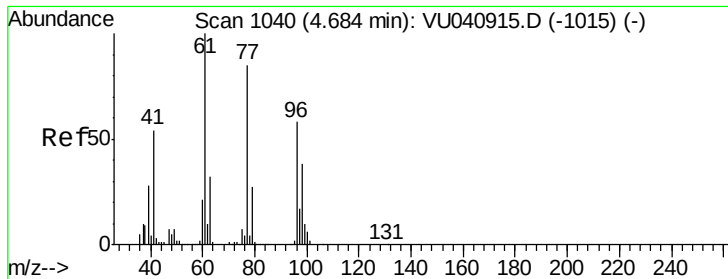
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	22.2	33.2
84	83.3	60.1	90.1



#20
Methylcyclohexane
Concen: 7.309 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.0	71.0	106.4
98	47.0	38.1	57.1

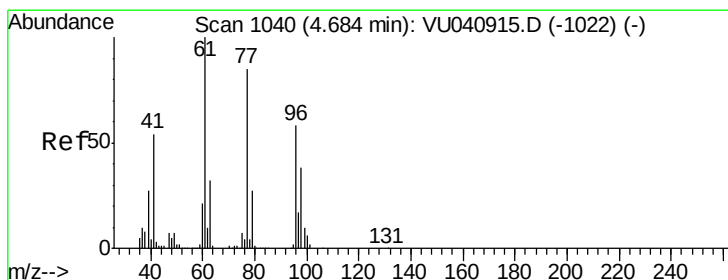
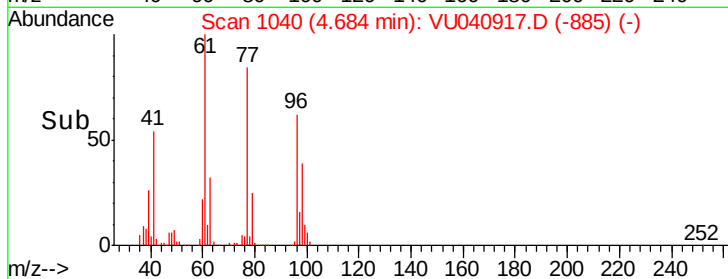
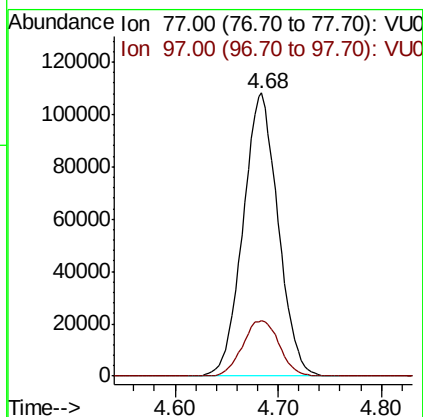
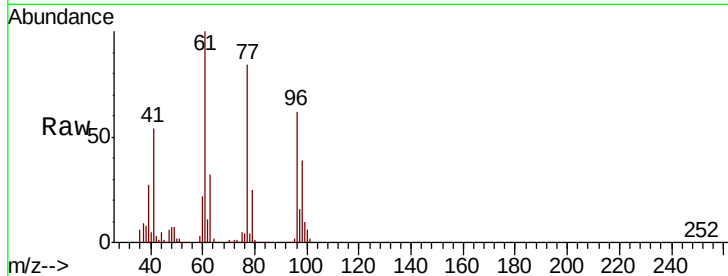




#21
 2,2-Dichloropropane
 Concen: 7.907 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

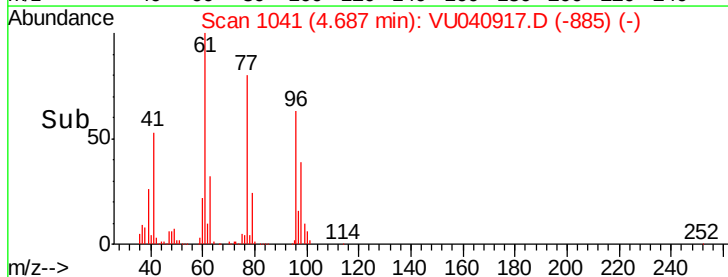
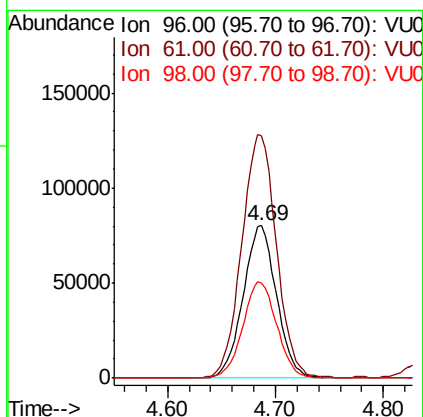
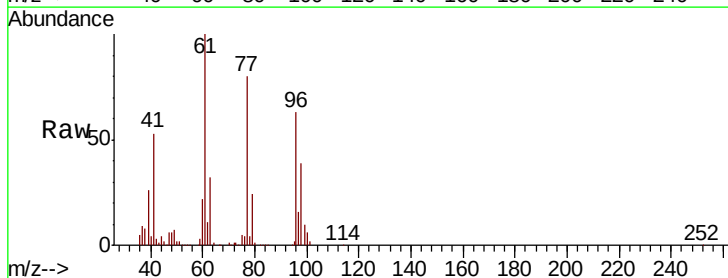
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

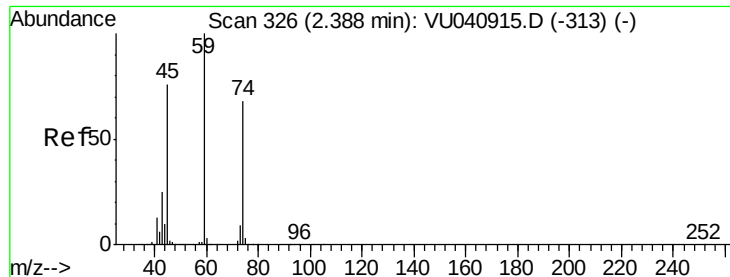
Tot Ion: 77 Resp: 255408
 Ion Ratio Lower Upper
 77 100
 97 20.7 16.0 24.0



#22
 cis-1,2-Dichloroethene
 Concen: 8.640 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 96 Resp: 172434
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 434.5
 98 64.1 32.6 97.8

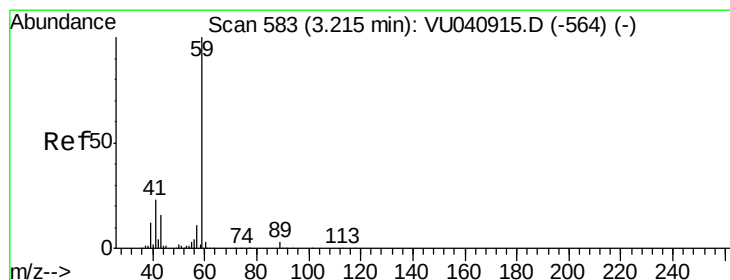
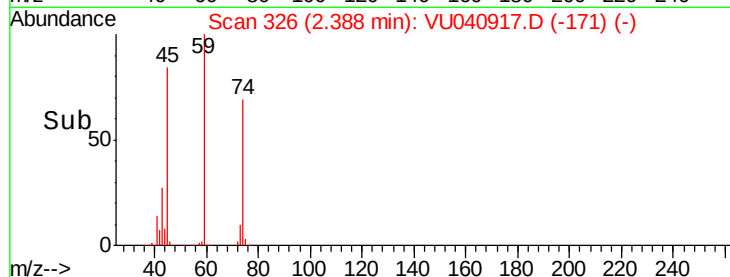
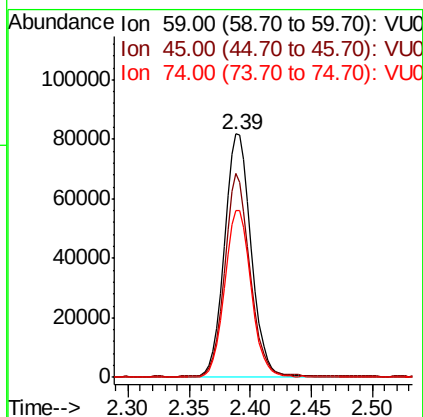
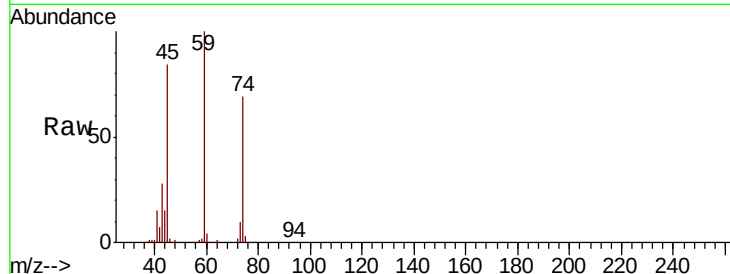




#23
Diethyl Ether
Concen: 7.735 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

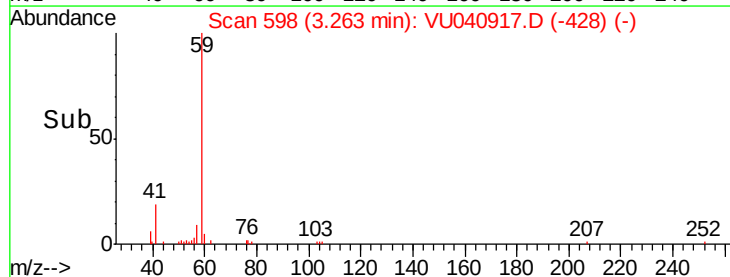
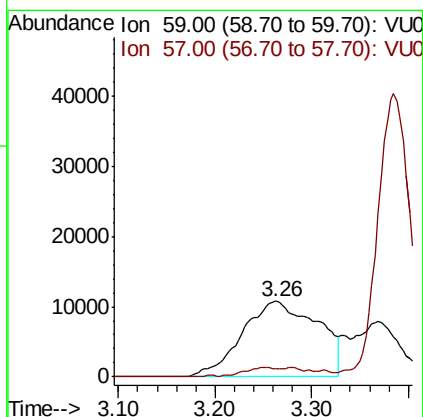
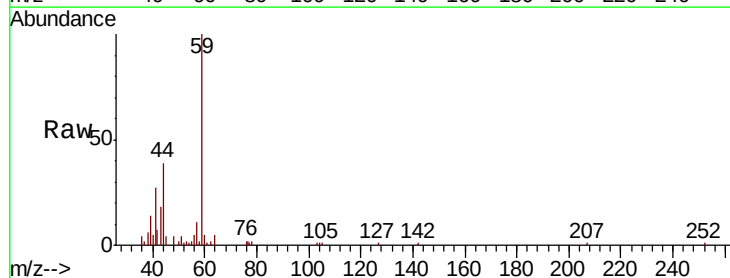
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

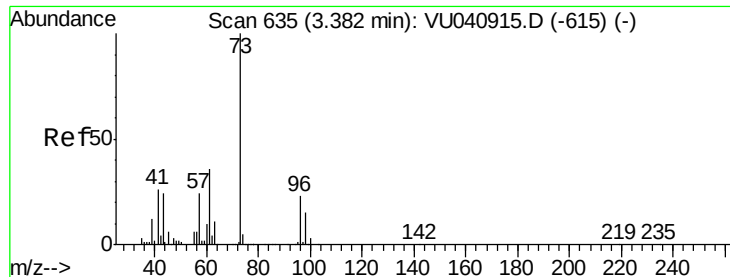
Tot Ion: 59 Resp: 126211
Ion Ratio Lower Upper
59 100
45 78.4 61.4 92.2
74 68.1 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 32.320 ug/l
RT: 3.26 min Scan# 598
Delta R.T. 0.05 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 59 Resp: 58831
Ion Ratio Lower Upper
59 100
57 5.1 8.4 12.6#



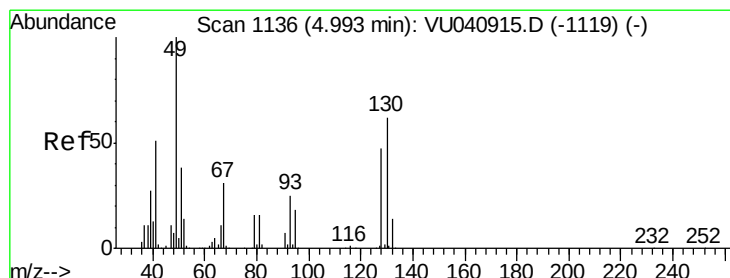
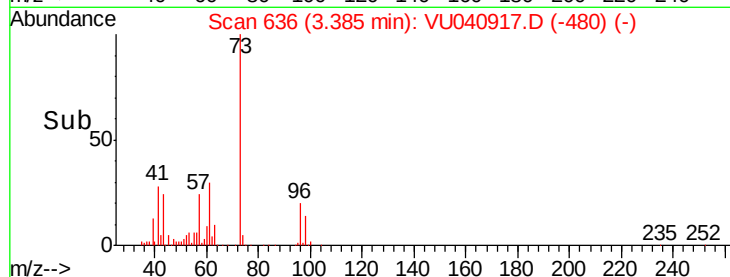
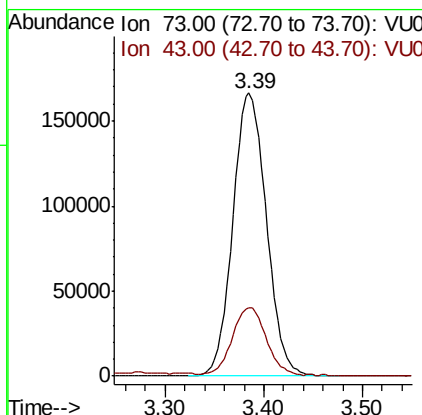
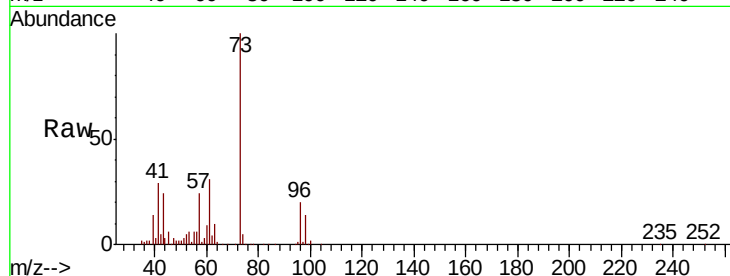


#25

Methyl tert-Butyl Ether
 Concen: 7.680 ug/l
 RT: 3.39 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

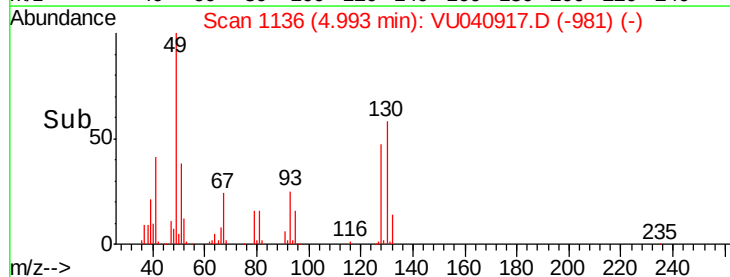
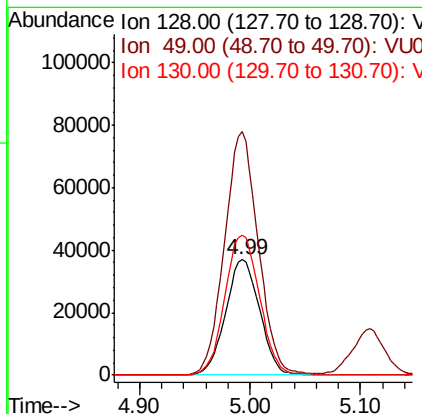
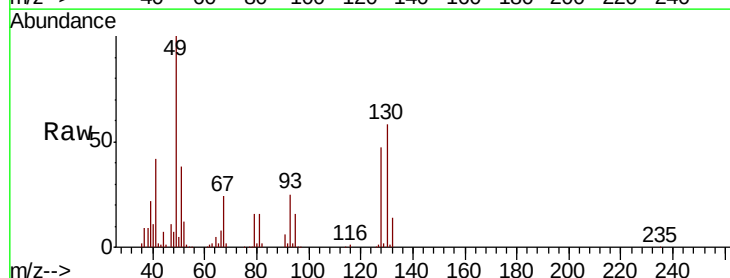
Tot Ion: 73 Resp: 393722
 Ion Ratio Lower Upper
 73 100
 43 23.9 19.0 28.6

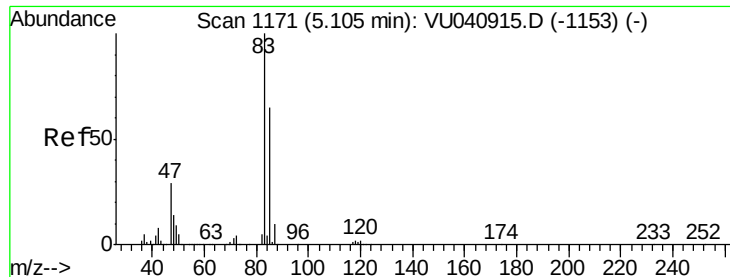


#26

Bromochloromethane
 Concen: 9.143 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 128 Resp: 79308
 Ion Ratio Lower Upper
 128 100
 49 208.8 0.0 426.4
 130 124.2 106.2 159.4

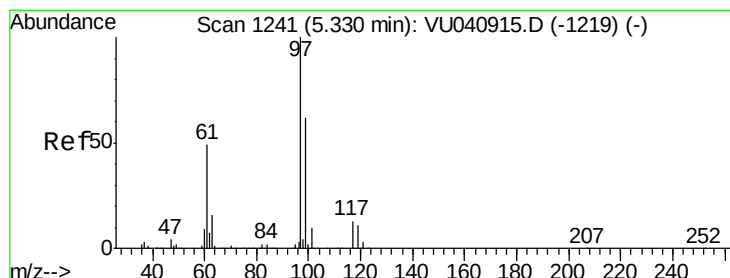
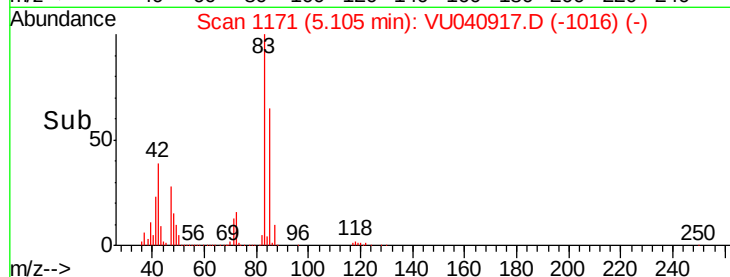
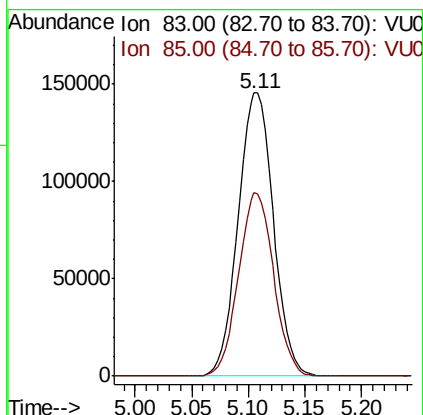
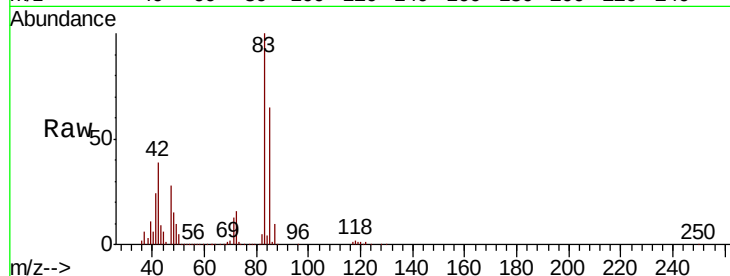




#27
Chloroform
Concen: 8.654 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

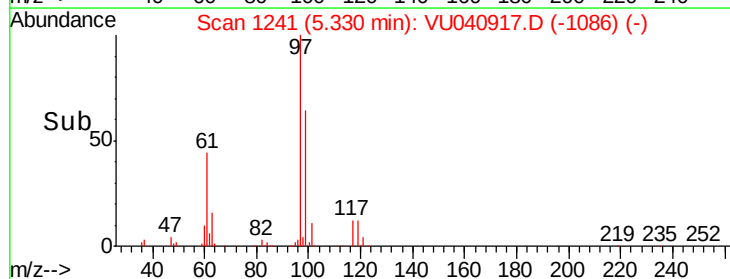
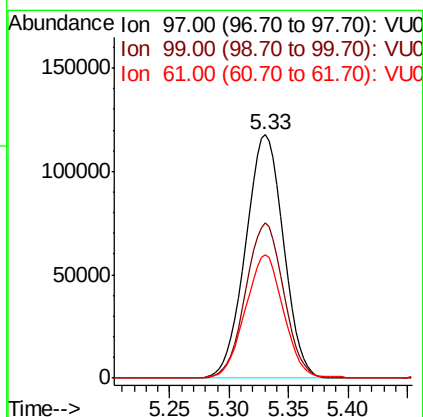
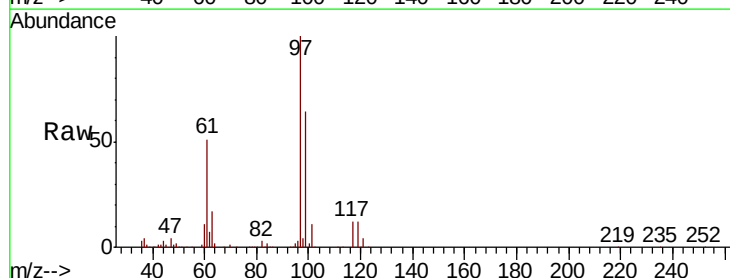
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

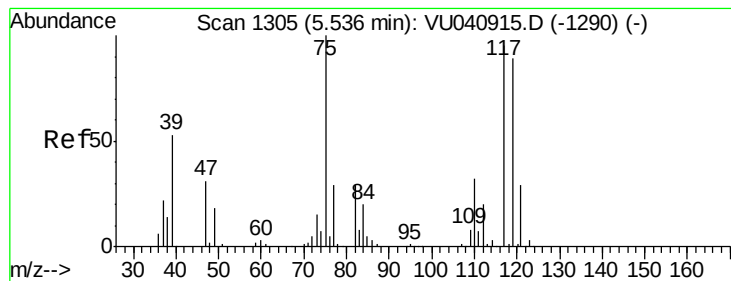
Tot Ion: 83 Resp: 316406
Ion Ratio Lower Upper
83 100
85 64.7 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 8.247 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 97 Resp: 259975
Ion Ratio Lower Upper
97 100
99 64.0 31.4 94.3
61 50.4 24.7 74.1





#29

1,1-Dichloropropene

Concen: 8.085 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

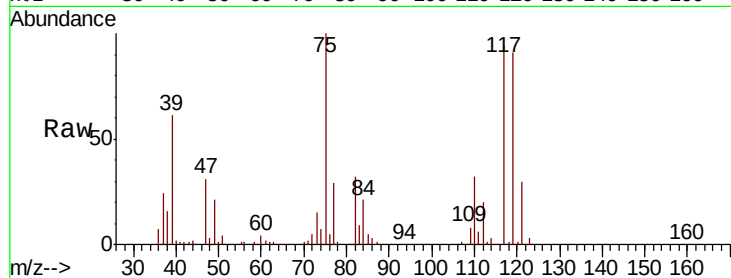
Tot Ion: 75 Resp: 223298

Ion Ratio Lower Upper

75 100

110 32.5 15.9 47.6

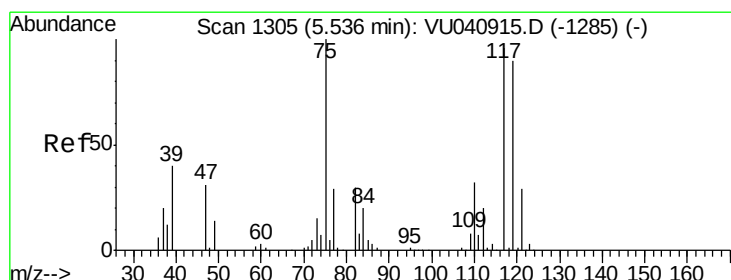
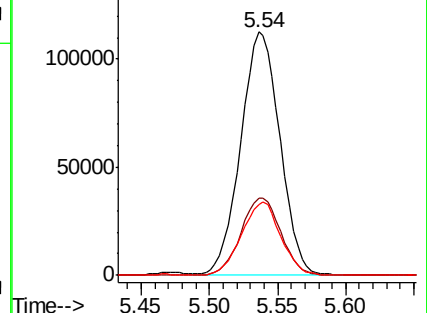
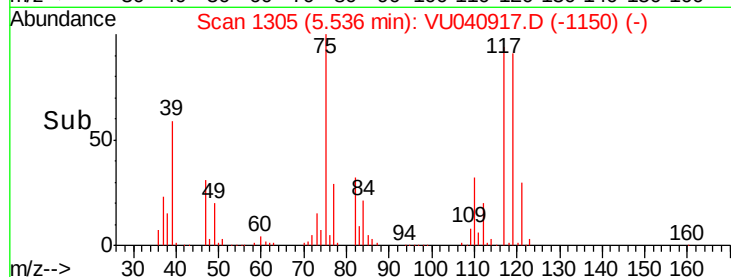
77 29.9 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU040917.D (-1150) (-)

Ion 110.00 (109.70 to 110.70): VU040917.D (-1150) (-)

Ion 77.00 (76.70 to 77.70): VU040917.D (-1150) (-)



#30

Carbon Tetrachloride

Concen: 8.229 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

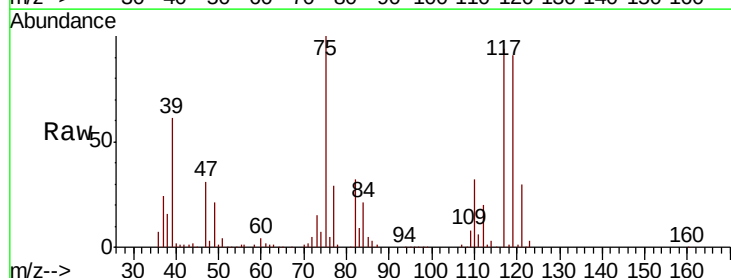
Tgt Ion: 117 Resp: 234787

Ion Ratio Lower Upper

117 100

119 96.2 74.9 112.3

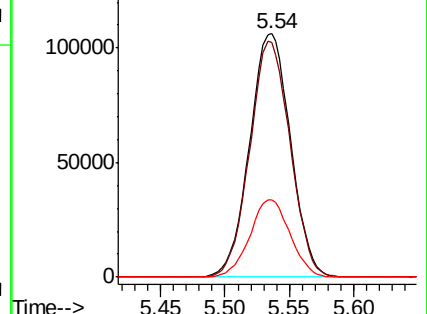
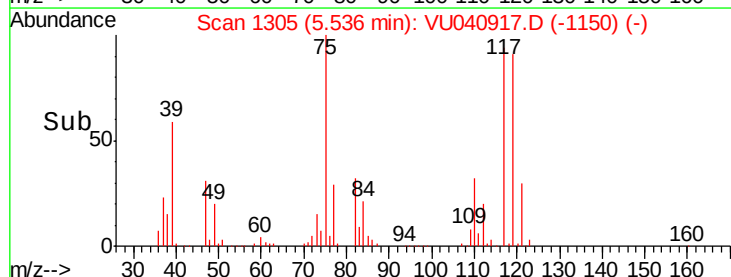
121 31.6 24.1 36.1

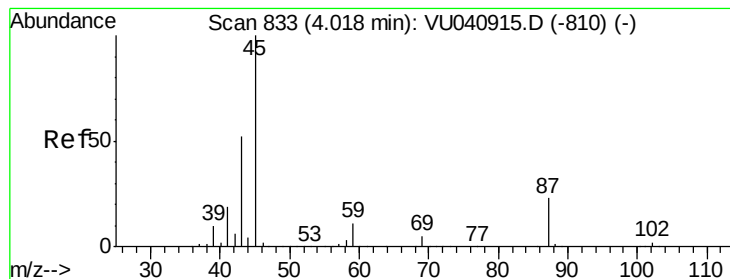


Abundance Ion 117.00 (116.70 to 117.70): VU040917.D (-1150) (-)

Ion 119.00 (118.70 to 119.70): VU040917.D (-1150) (-)

Ion 121.00 (120.70 to 121.70): VU040917.D (-1150) (-)





#31

Isopropyl Ether

Concen: 9.077 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

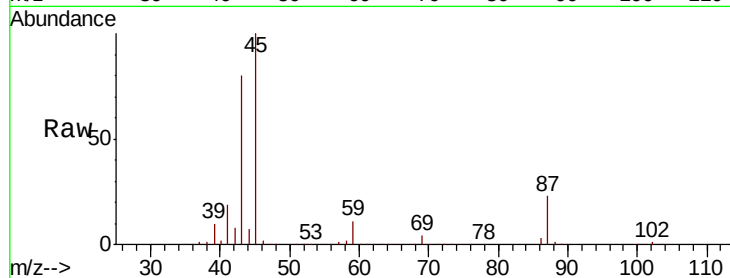
ICVVU102220

Tot Ion: 45 Resp: 536994

Ion Ratio Lower Upper

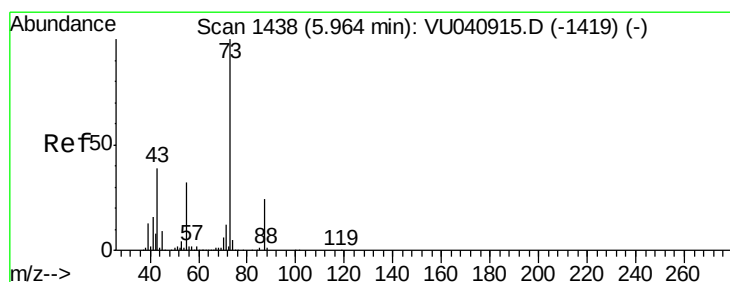
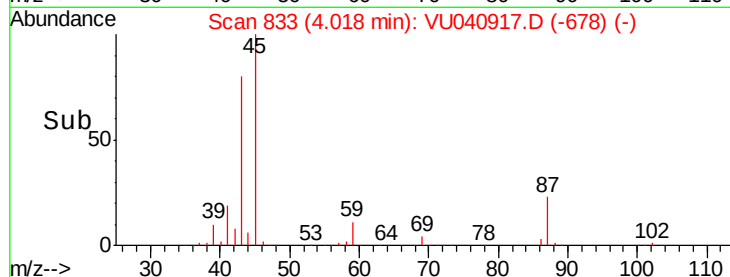
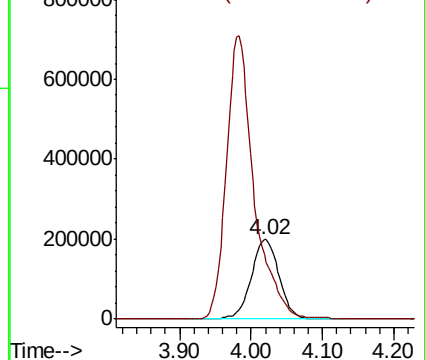
45 100

43 354.9 26.8 80.3#



Abundance Ion 45.00 (44.70 to 45.70): VU040917.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU040917.D (-678) (-)



#33

Tert-Amyl methyl ether

Concen: 0.313 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.18 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

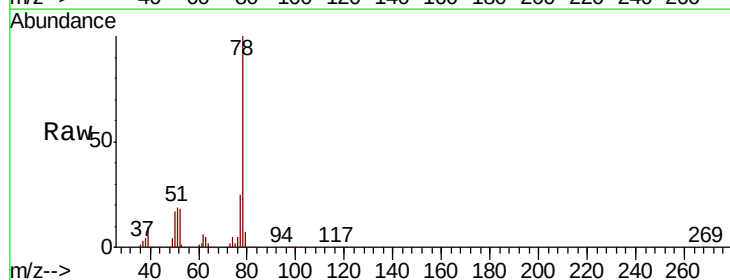
Tgt Ion: 73 Resp: 12156

Ion Ratio Lower Upper

73 100

87 251.1 19.0 28.4#

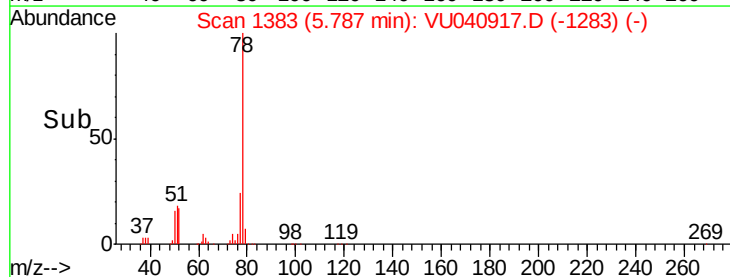
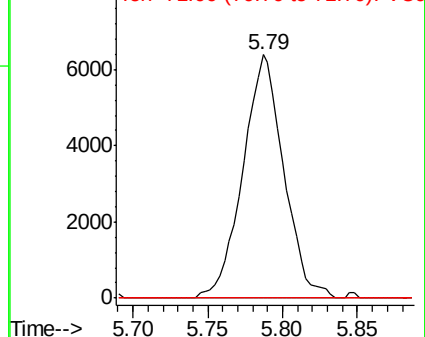
71 0.0 9.7 14.5#

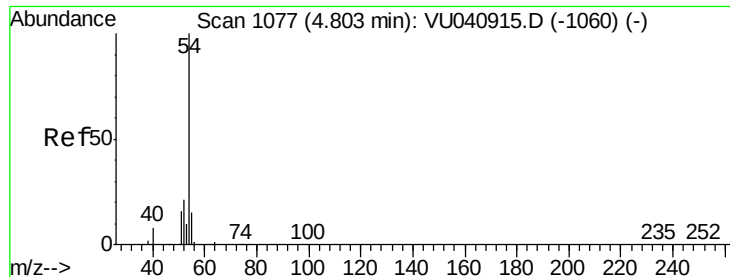


Abundance Ion 73.00 (72.70 to 73.70): VU040917.D (-1283) (-)

Ion 87.00 (86.70 to 87.70): VU040917.D (-1283) (-)

Ion 71.00 (70.70 to 71.70): VU040917.D (-1283) (-)

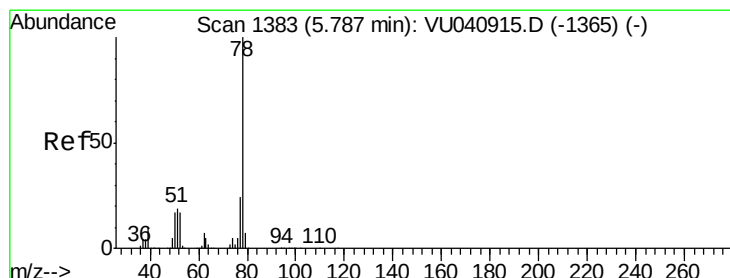
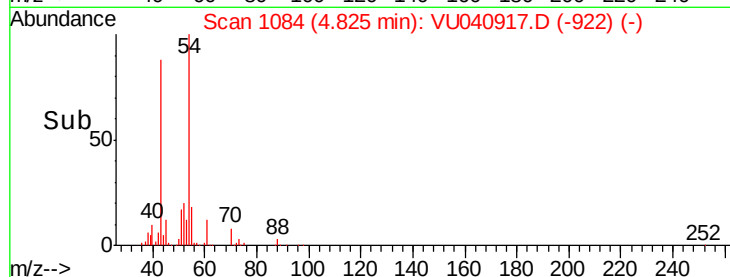
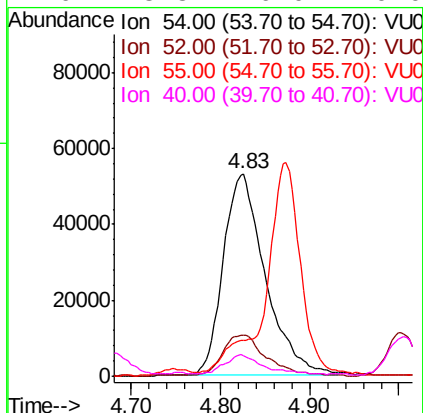
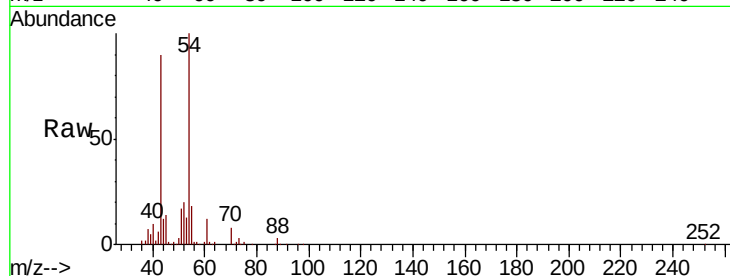




#34
 Propionitrile
 Concen: 79.487 ug/l
 RT: 4.83 min Scan# 1084
 Delta R.T. 0.02 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

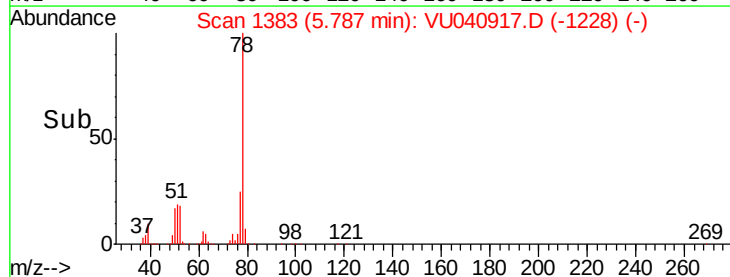
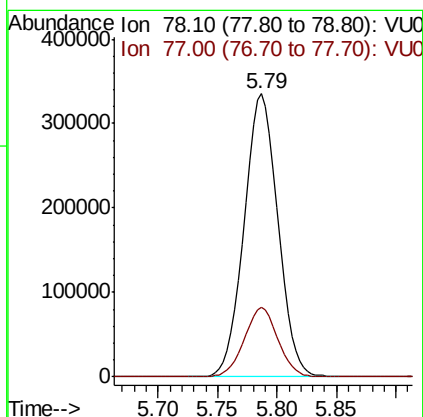
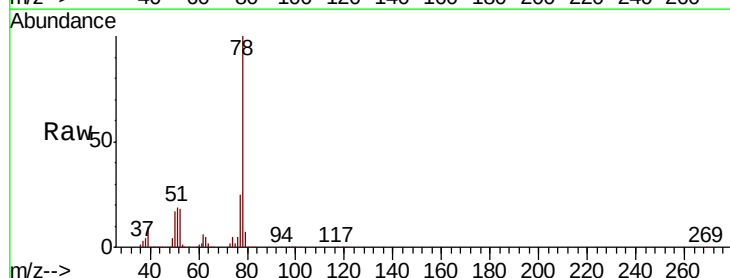
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

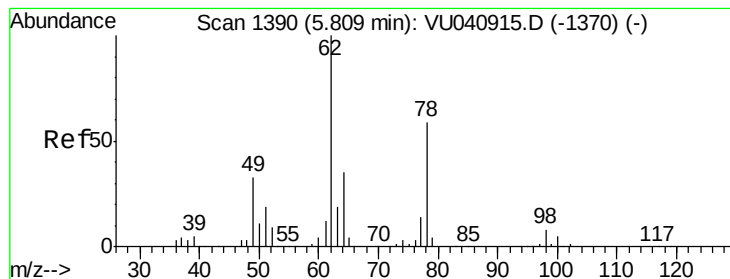
Tot Ion:	54	Resp:	172154
Ion	Ratio	Lower	Upper
54	100		
52	20.9	15.5	23.3
55	87.7	12.5	18.7#
40	8.8	6.0	9.0



#35
 Benzene
 Concen: 8.620 ug/l
 RT: 5.79 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:	78	Resp:	659966
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.2





#36

1,2-Dichloroethane

Concen: 8.508 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

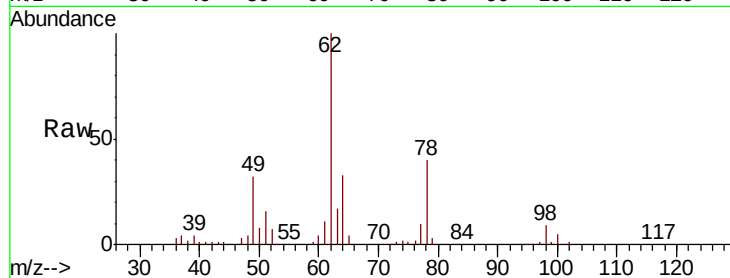
ICVVU102220

Tot Ion: 62 Resp: 241452

Ion Ratio Lower Upper

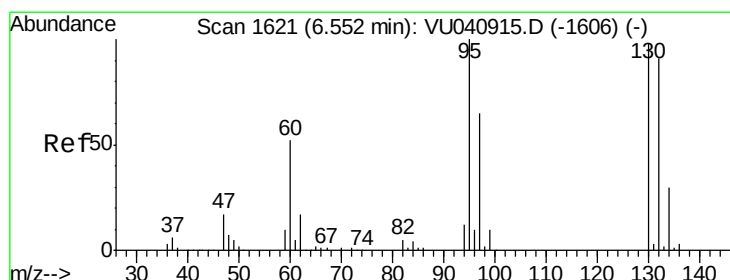
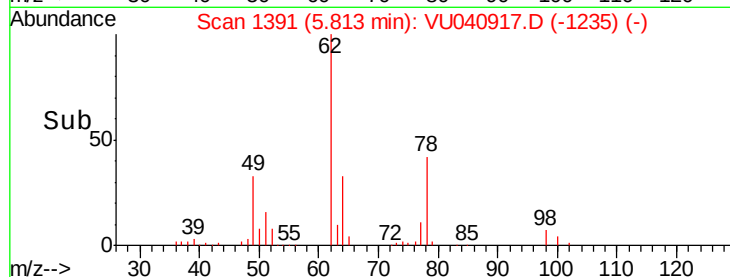
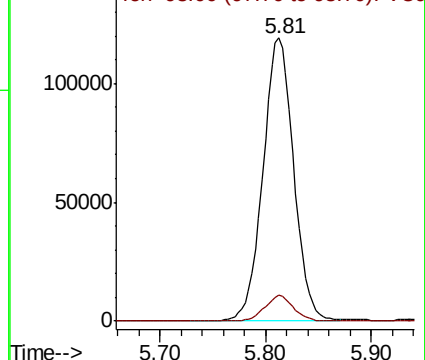
62 100

98 8.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#37

Trichloroethene

Concen: 8.345 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040917.D

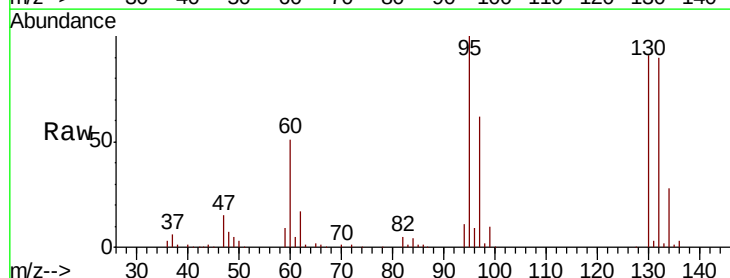
Acq: 22 Oct 2020 21:57

Tgt Ion:130 Resp: 151014

Ion Ratio Lower Upper

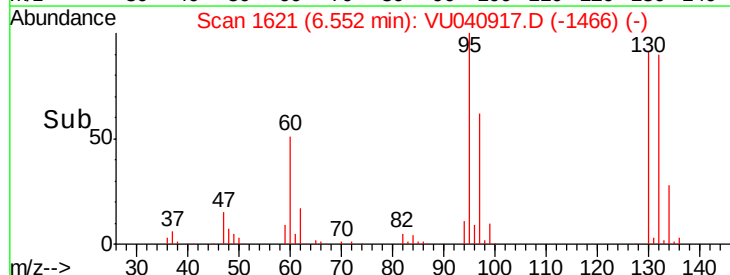
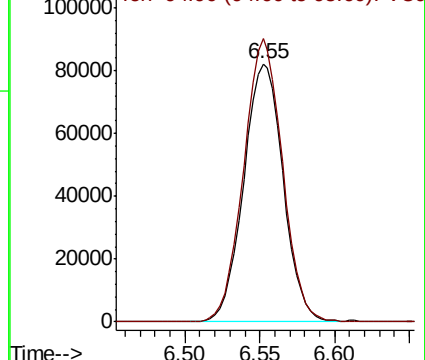
130 100

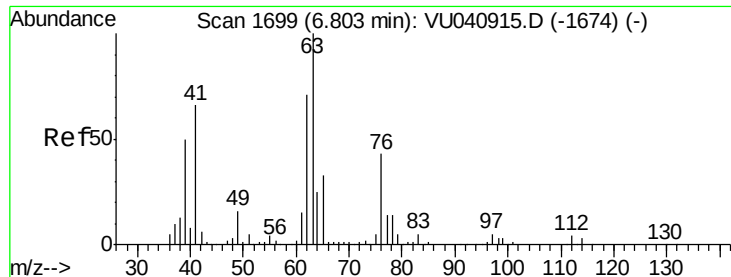
95 109.7 81.9 122.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

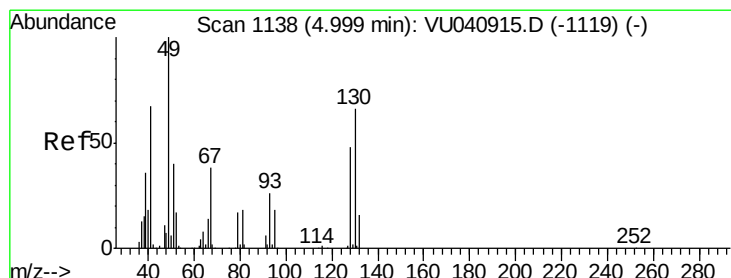
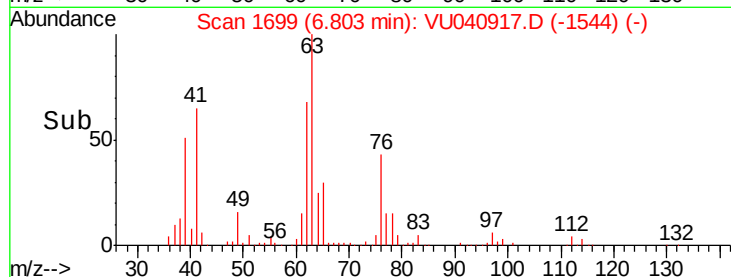
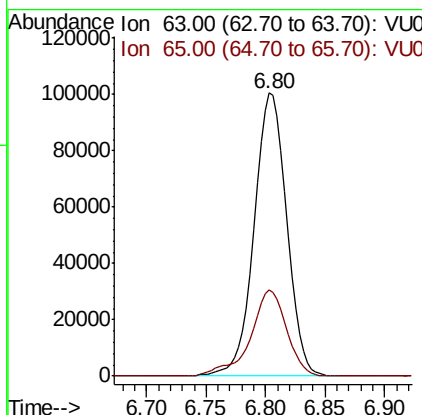
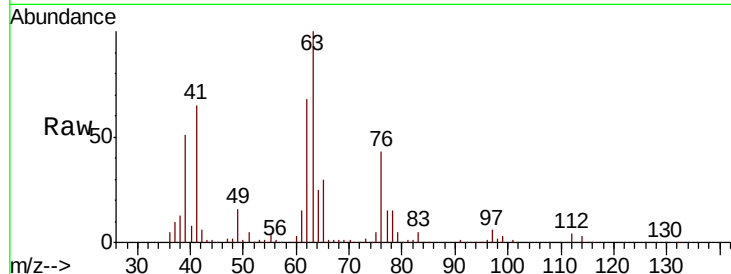




#38
 1,2-Dichloropropane
 Concen: 8.787 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

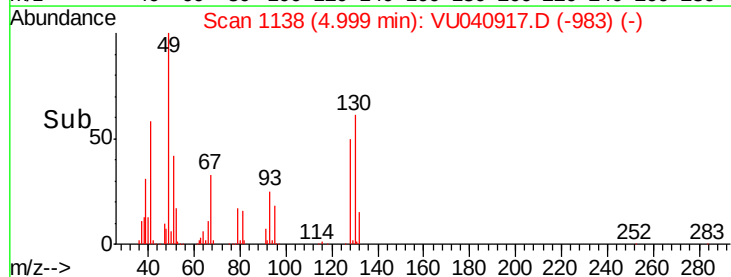
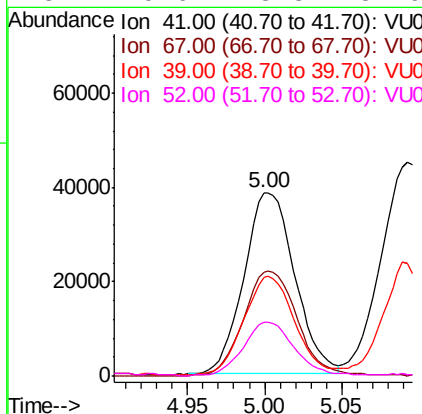
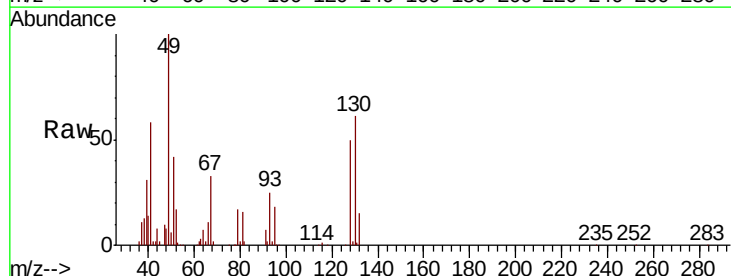
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

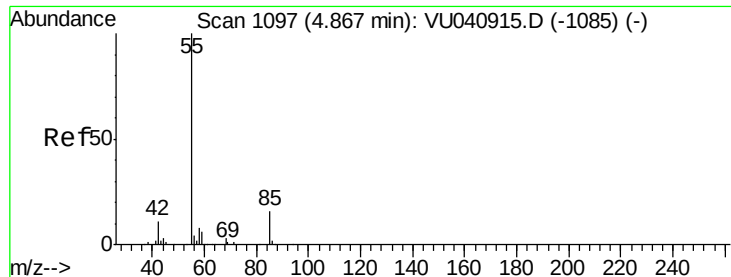
Tot Ion: 63 Resp: 190851
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.2 39.2



#39
 Methacrylonitrile
 Concen: 8.677 ug/l
 RT: 5.00 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 41 Resp: 88104
 Ion Ratio Lower Upper
 41 100
 67 61.0 48.7 73.1
 39 53.5 44.6 67.0
 52 29.6 23.3 34.9

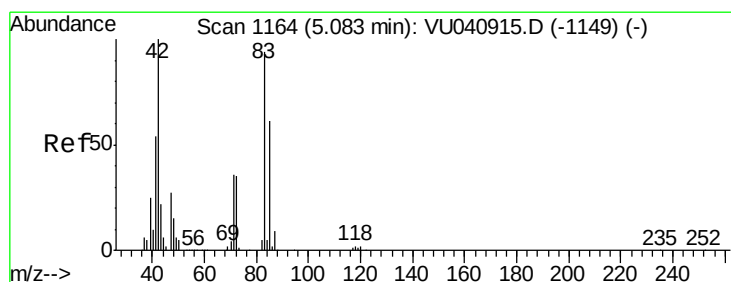
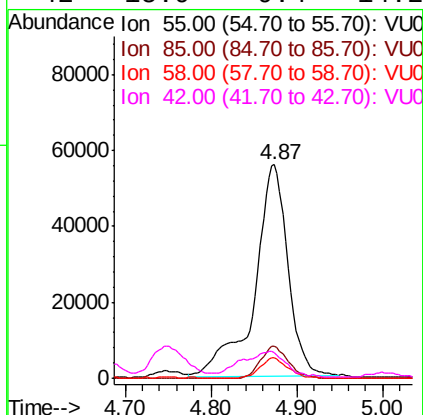
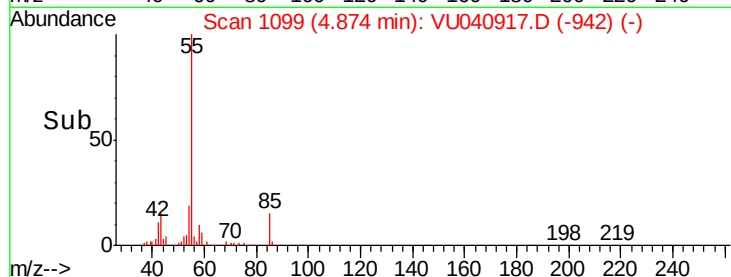
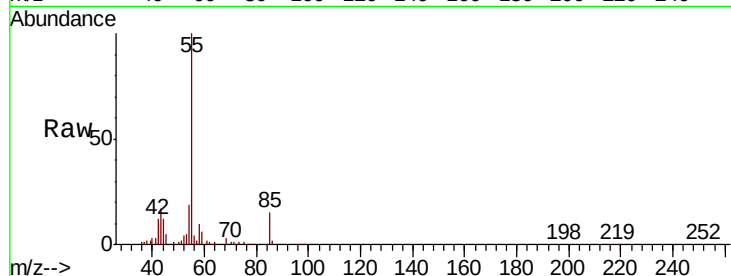




#40
Methvl acrylate
Concen: 10.841 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

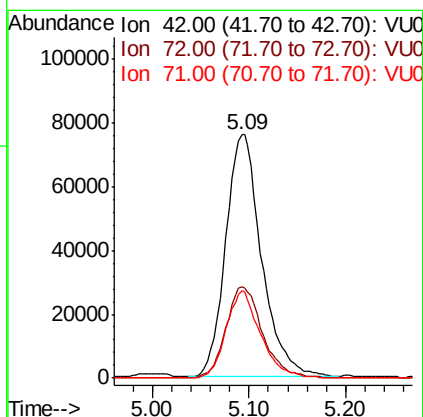
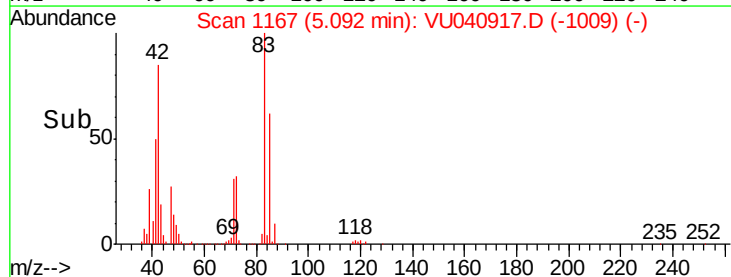
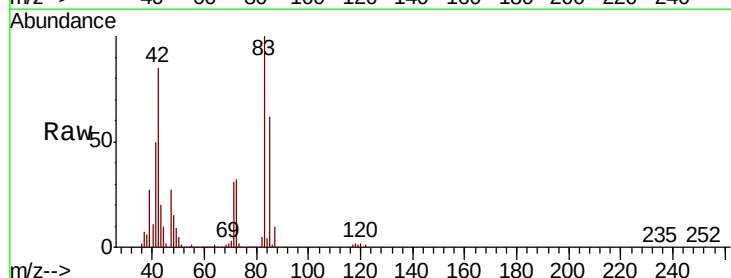
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

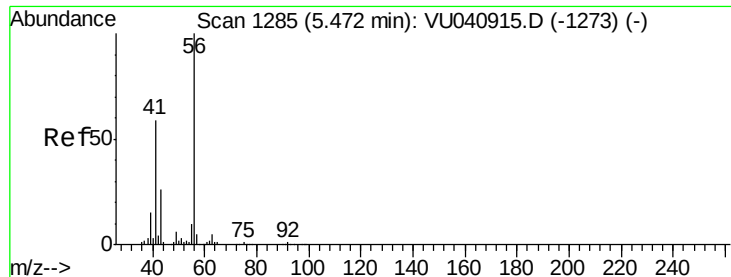
Tot Ion: 55 Resp: 150931
Ion Ratio Lower Upper
55 100
85 12.6 12.2 18.2
58 8.0 6.8 10.2
42 15.9 9.4 14.2#



#41
Tetrahydrofuran
Concen: 37.502 ug/l
RT: 5.09 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 42 Resp: 195868
Ion Ratio Lower Upper
42 100
72 38.4 30.1 45.1
71 34.5 27.9 41.9

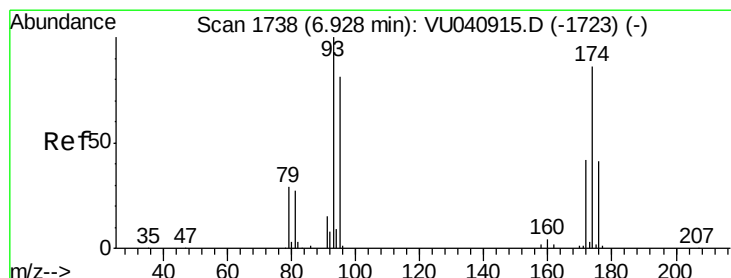
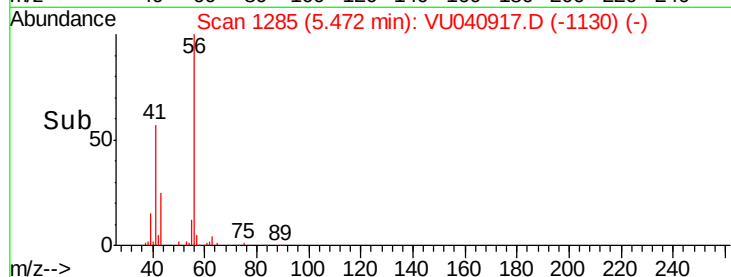
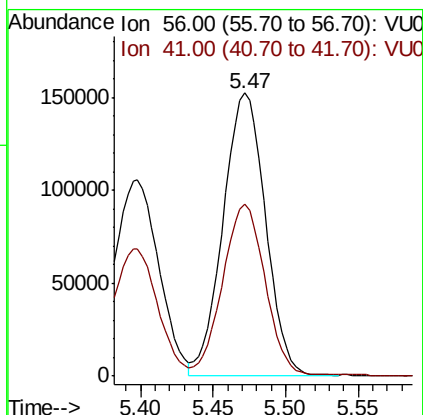
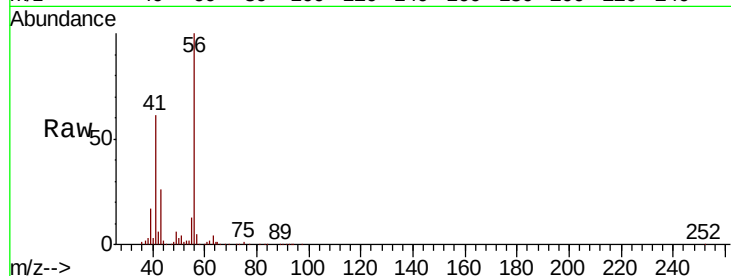




#42
1-Chlorobutane
Concen: 7.372 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

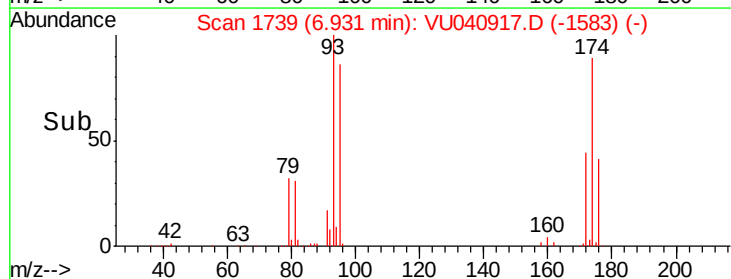
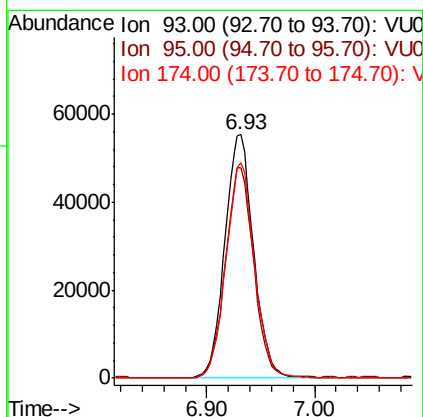
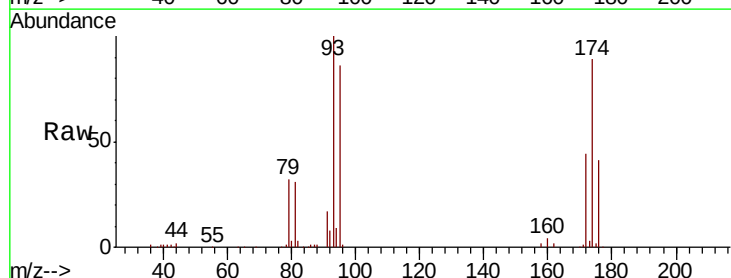
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

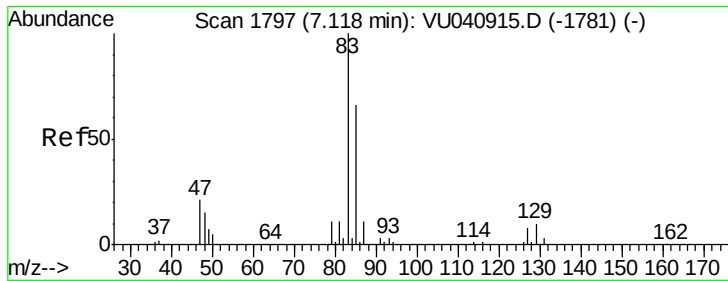
Tot Ion: 56 Resp: 307788
Ion Ratio Lower Upper
56 100
41 59.8 29.6 88.8



#43
Dibromomethane
Concen: 8.422 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 93 Resp: 102511
Ion Ratio Lower Upper
93 100
95 84.6 66.3 99.5
174 87.1 70.4 105.6

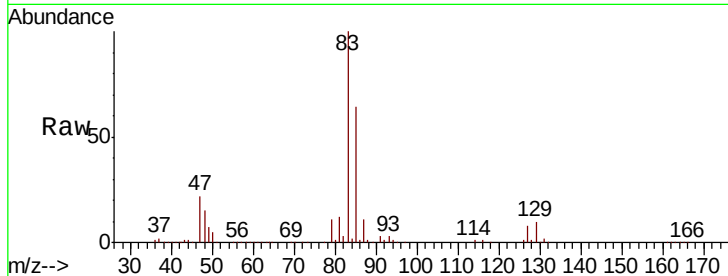




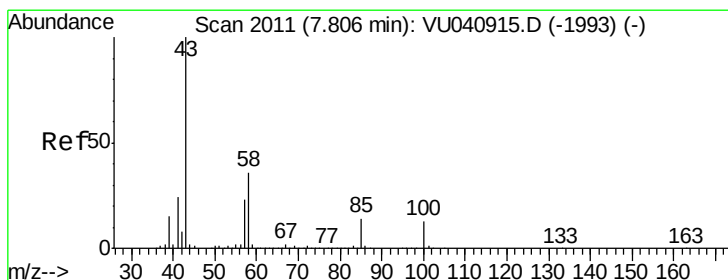
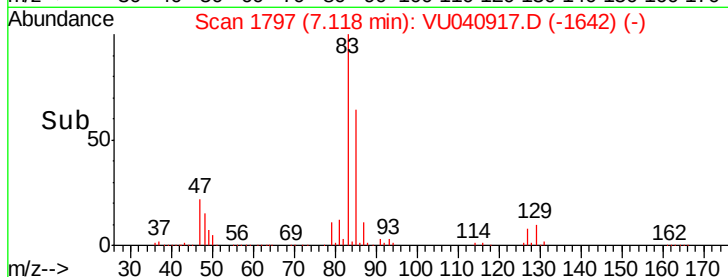
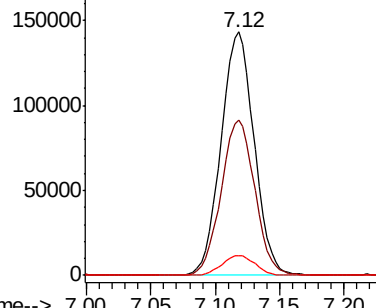
#44
 Bromodichloromethane
 Concen: 9.100 ug/l
 RT: 7.12 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion:	83	Resp:	257188
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8
127	8.1	6.4	9.6

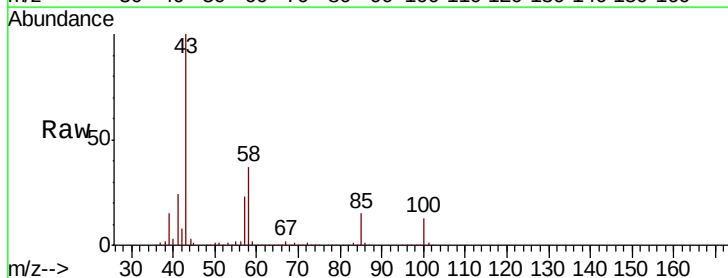


Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 127.00 (126.70 to 127.70): V

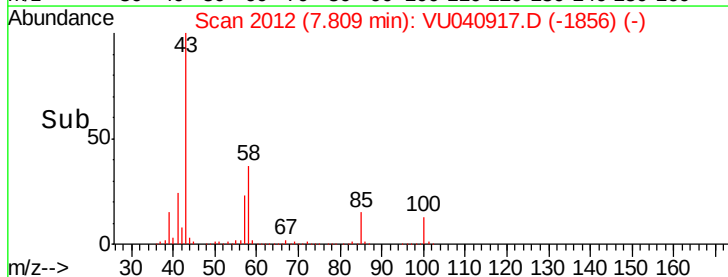
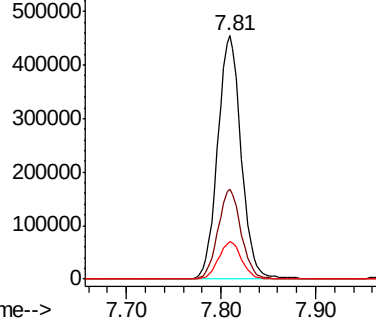


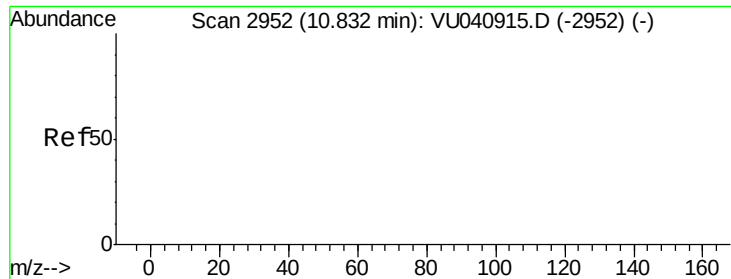
#45
 4-Methyl-2-Pentanone
 Concen: 49.011 ug/l
 RT: 7.81 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:	43	Resp:	783238
Ion	Ratio	Lower	Upper
43	100		
58	36.5	17.8	53.5
85	15.1	11.4	17.2



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

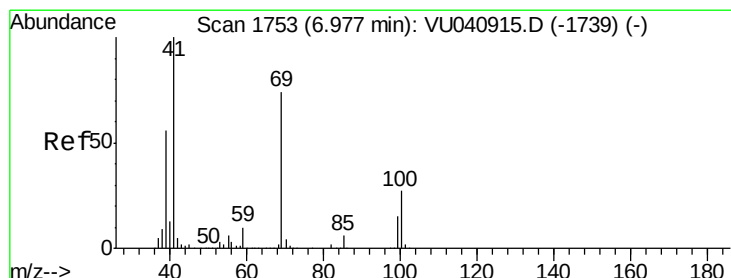
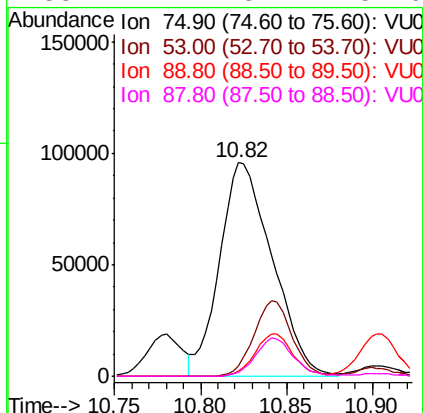
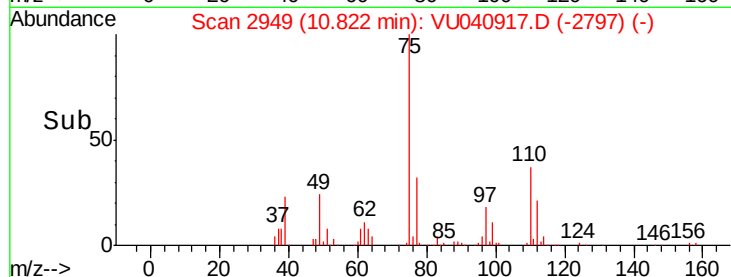
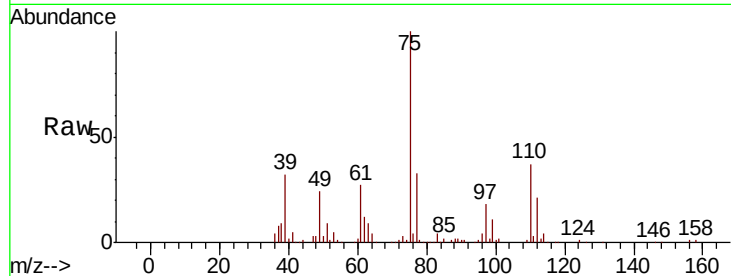




#46
t-1,4-Dichloro-2-butene
Concen: 32.305 ug/l
RT: 10.82 min Scan# 2949
Delta R.T. -0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

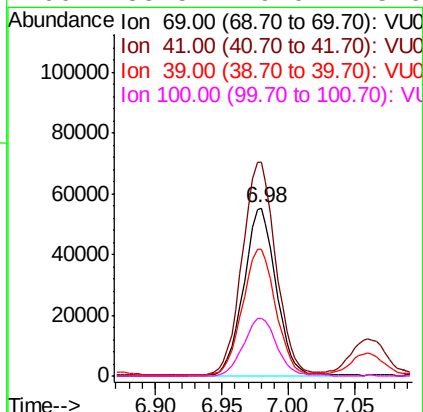
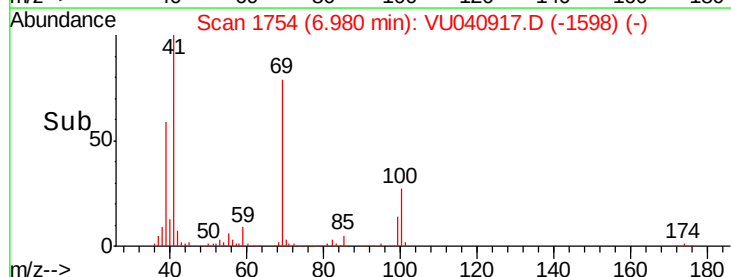
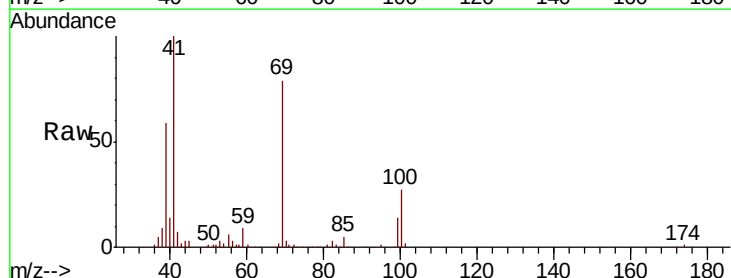
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

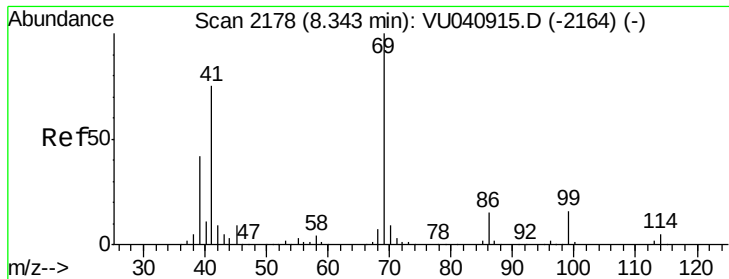
Tot Ion: 75 Resp: 204144
Ion Ratio Lower Upper
75 100
53 25.3 73.0 109.4#
89 14.2 41.7 62.5#
88 12.7 34.4 51.6#



#47
Methyl methacrylate
Concen: 9.272 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 69 Resp: 94235
Ion Ratio Lower Upper
69 100
41 130.9 0.0 270.2
39 76.6 61.6 92.4
100 35.5 29.0 43.6





#48

Ethyl methacrylate

Concen: 10.235 ug/l

RT: 8.34 min Scan# 2178

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

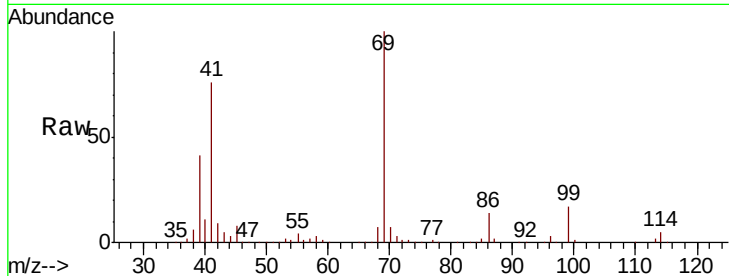
ICVVU102220

Tot Ion: 69 Resp: 174994

Ion Ratio Lower Upper

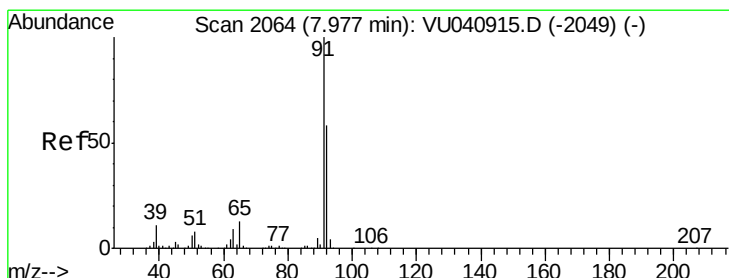
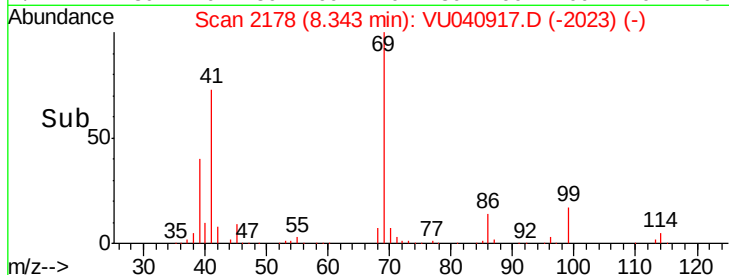
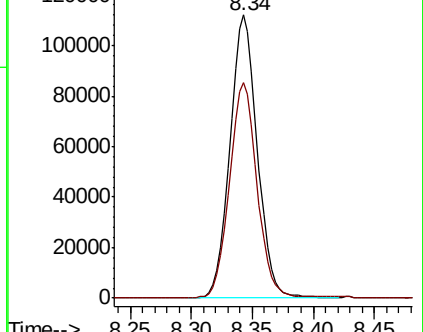
69 100

41 76.5 37.6 112.9



Abundance Ion 69.00 (68.70 to 69.70): VU040917.D (-1909) (-)

Ion 41.00 (40.70 to 41.70): VU040917.D (-1909) (-)



#49

Toluene

Concen: 9.585 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040917.D

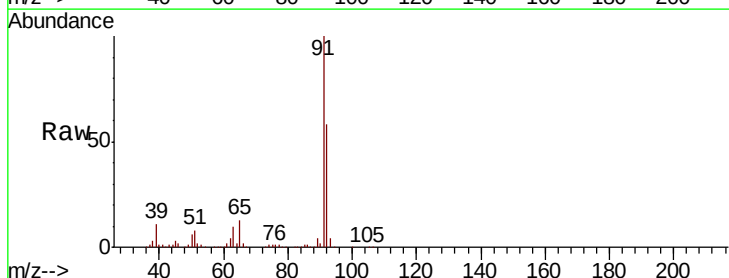
Acq: 22 Oct 2020 21:57

Tgt Ion: 92 Resp: 403535

Ion Ratio Lower Upper

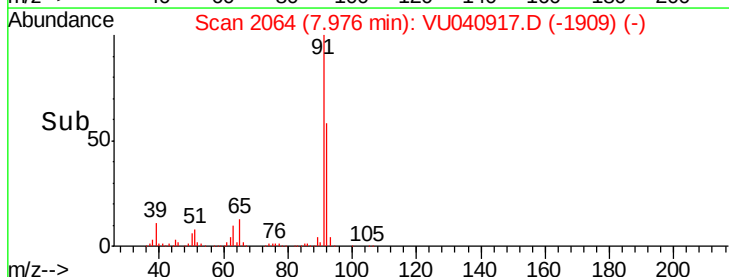
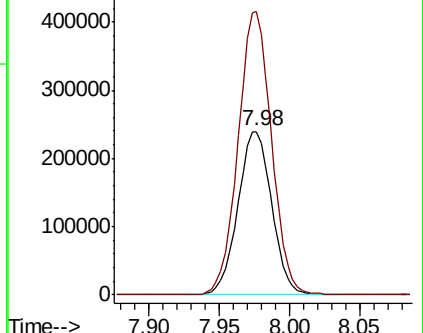
92 100

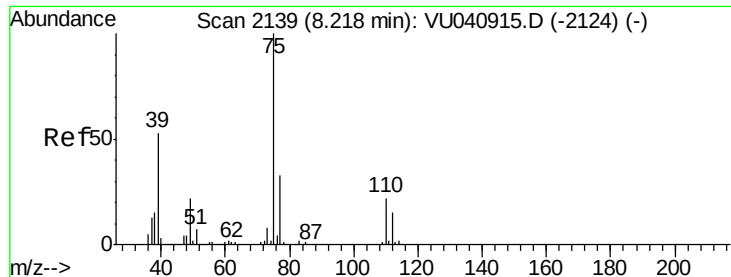
91 171.4 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU040917.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU040917.D (-1909) (-)

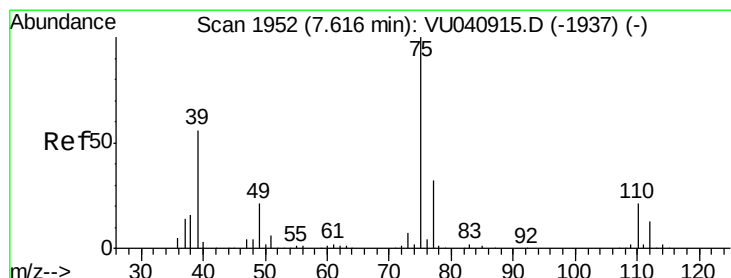
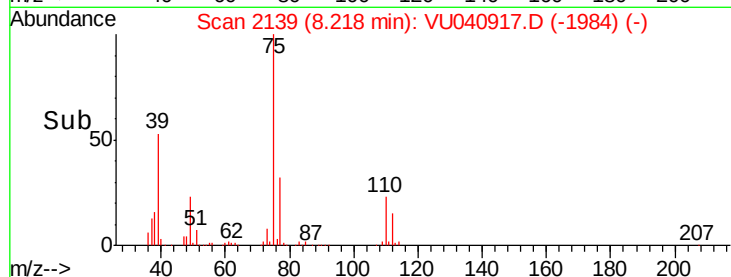
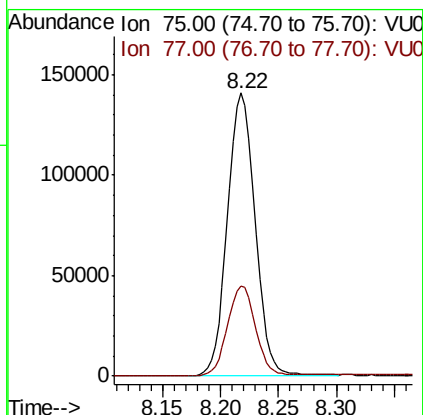
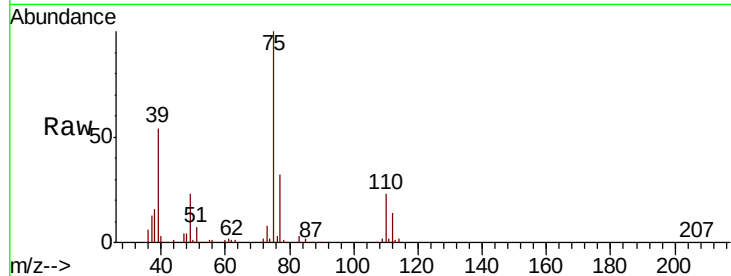




#50
t-1,3-Dichloropropene
Concen: 9.582 ug/l
RT: 8.22 min Scan# 2139
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

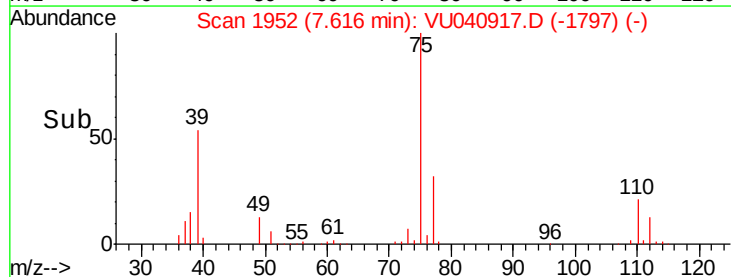
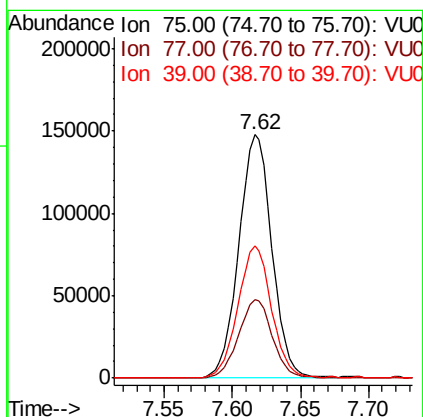
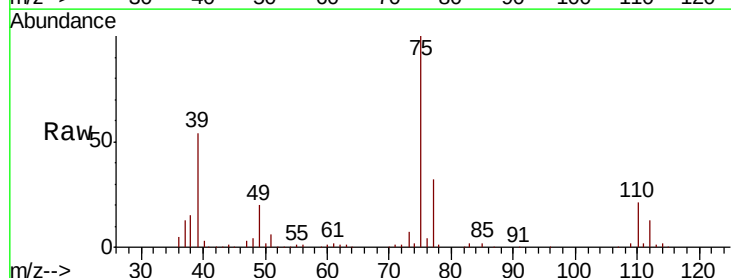
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

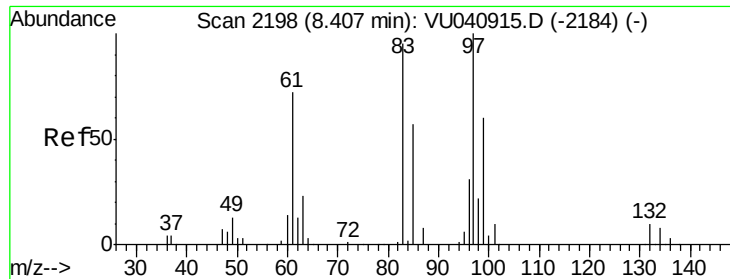
Tot Ion: 75 Resp: 234046
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4



#51
cis-1,3-Dichloropropene
Concen: 9.294 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 75 Resp: 248786
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 54.4 44.7 67.1





#52

1,1,2-Trichloroethane

Concen: 9.499 ug/l

RT: 8.41 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 97 Resp: 146192

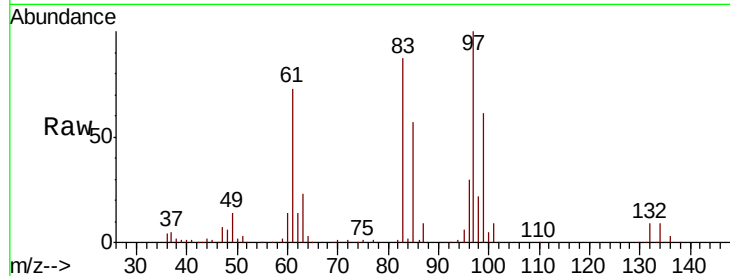
Ion Ratio Lower Upper

97 100

83 86.9 75.9 113.9

85 56.8 46.1 69.1

99 60.6 50.0 75.0

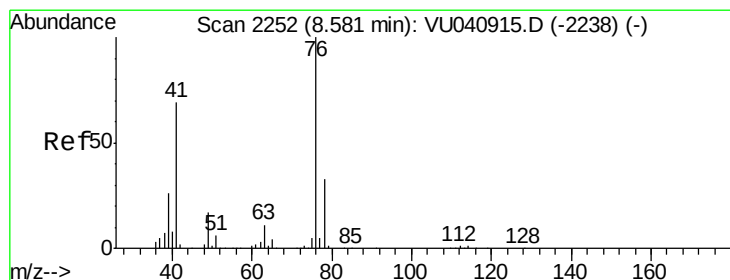
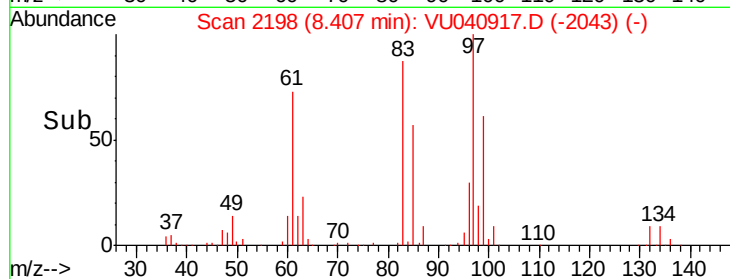
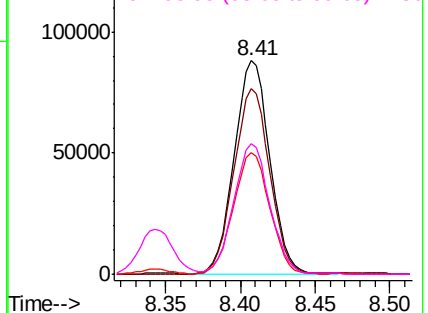


Abundance Ion 97.00 (96.70 to 97.70): VU040917.D (-2043) (-)

Ion 82.95 (82.65 to 83.65): VU040917.D (-2043) (-)

Ion 84.95 (84.65 to 85.65): VU040917.D (-2043) (-)

Ion 98.95 (98.65 to 99.65): VU040917.D (-2043) (-)



#53

1,3-Dichloropropane

Concen: 9.188 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040917.D

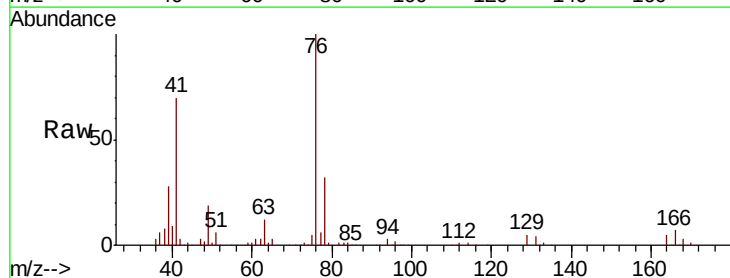
Acq: 22 Oct 2020 21:57

Tgt Ion: 76 Resp: 253872

Ion Ratio Lower Upper

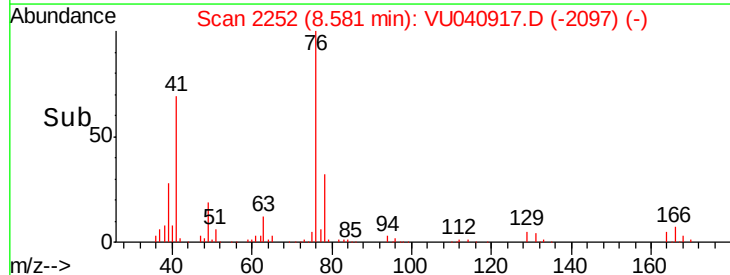
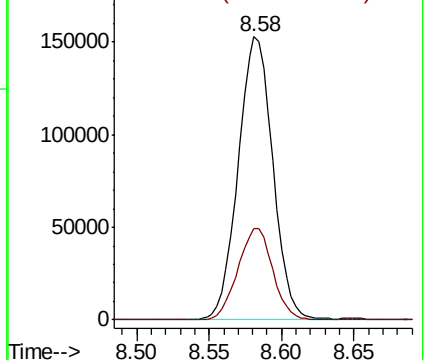
76 100

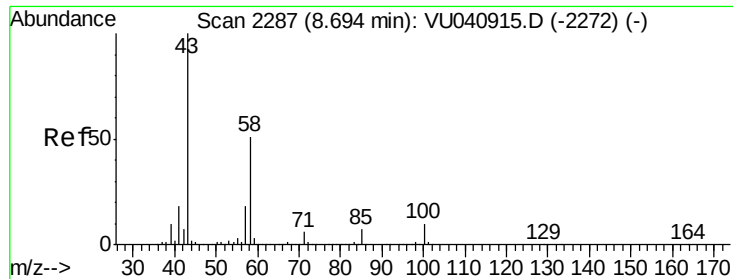
78 32.6 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040917.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040917.D (-2097) (-)

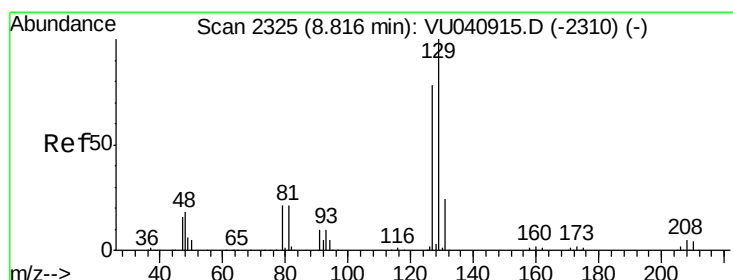
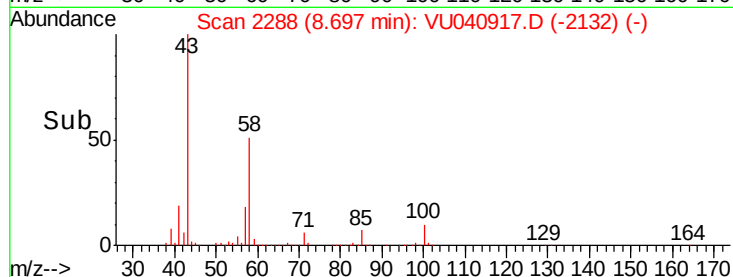
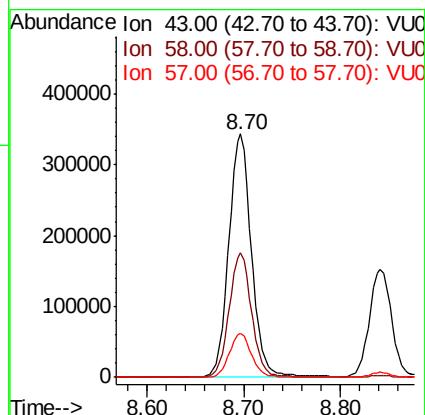
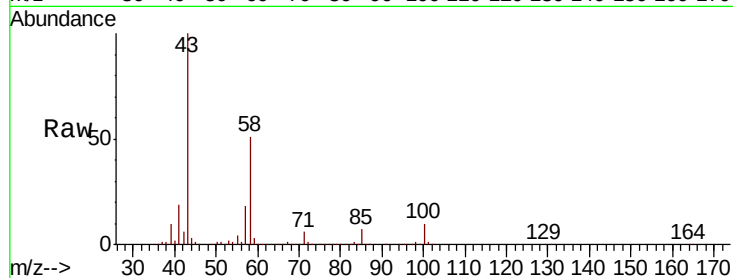




#54
2-Hexanone
Concen: 49.936 ug/l
RT: 8.70 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

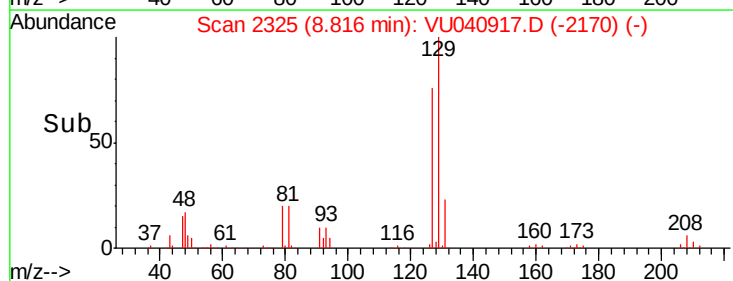
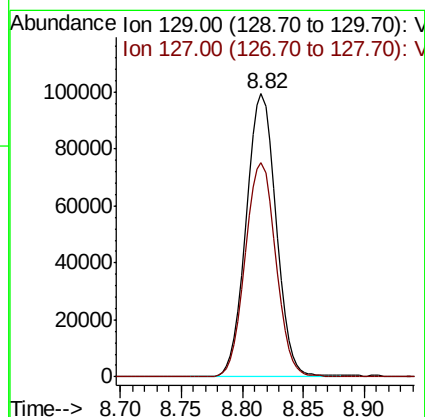
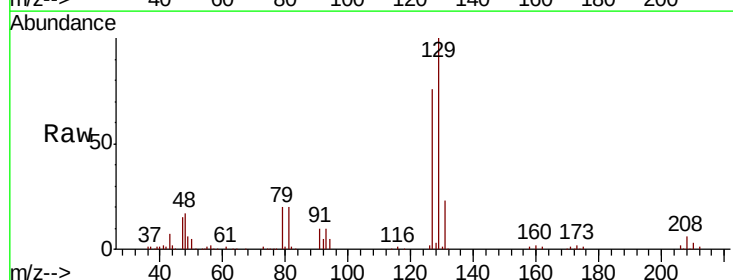
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

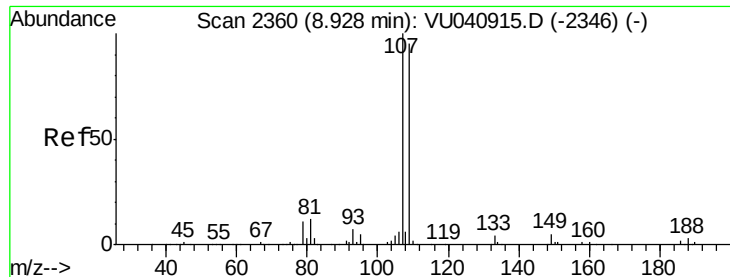
Tot Ion: 43 Resp: 557538
Ion Ratio Lower Upper
43 100
58 50.8 30.2 70.2
57 17.7 0.0 37.4



#55
Dibromochloromethane
Concen: 9.115 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 129 Resp: 168207
Ion Ratio Lower Upper
129 100
127 77.3 63.1 94.7

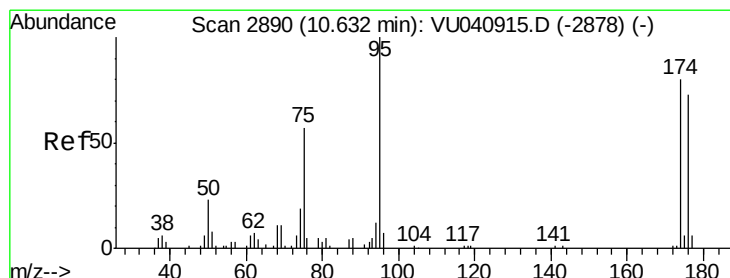
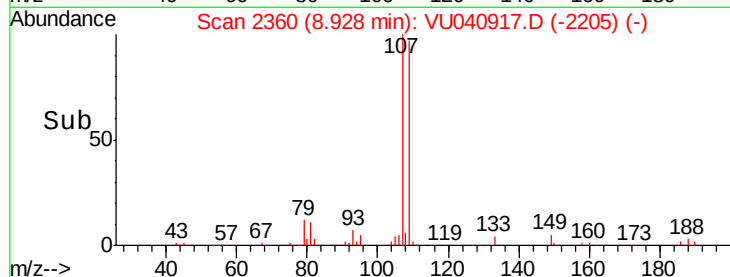
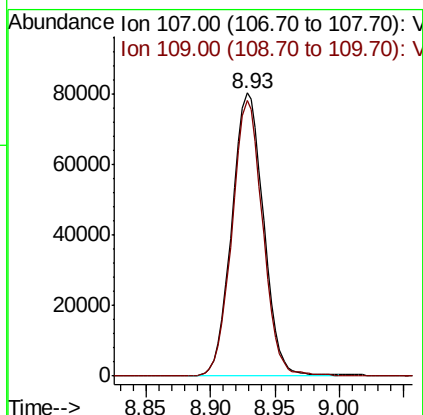
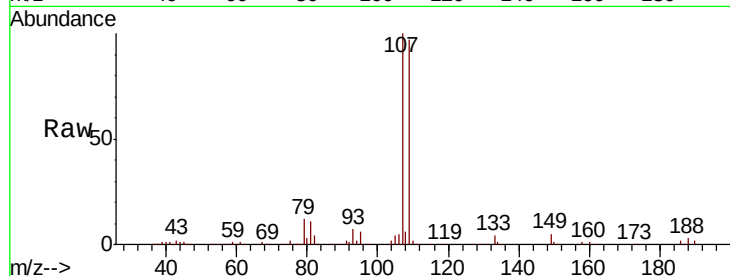




#56
 1,2-Dibromoethane
 Concen: 9.629 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

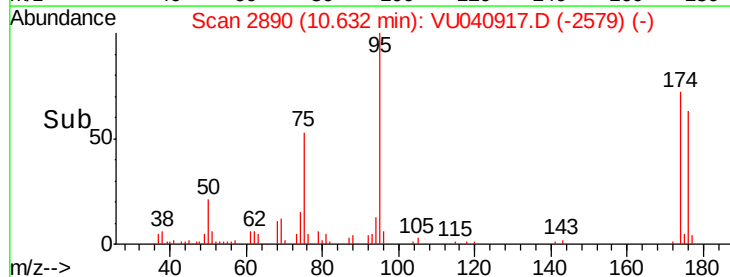
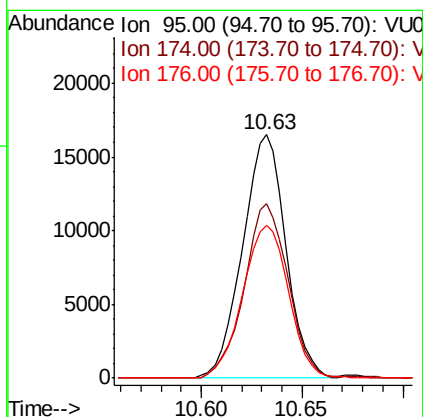
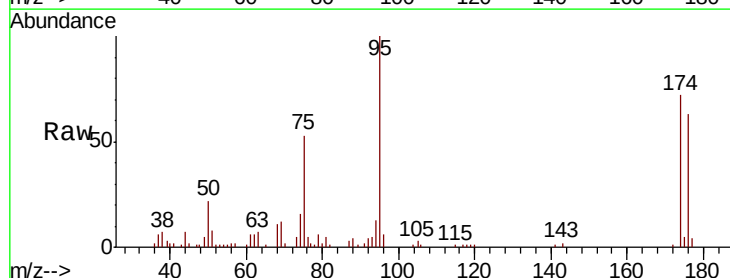
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

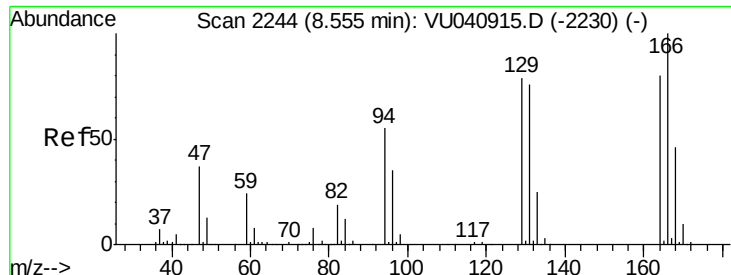
Tot Ion: 107 Resp: 137404
 Ion Ratio Lower Upper
 107 100
 109 94.1 0.0 190.4



#57
 4-Bromofluorobenzene
 Concen: 1.141 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 95 Resp: 24864
 Ion Ratio Lower Upper
 95 100
 174 72.2 60.3 90.5
 176 66.4 55.6 83.4





#58

Tetrachloroethene

Concen: 8.396 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion:164 Resp: 142041

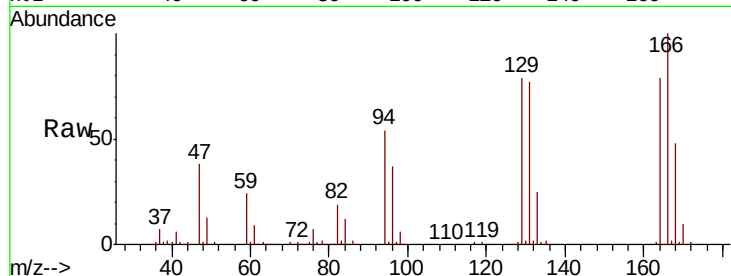
Ion Ratio Lower Upper

164 100

166 126.3 100.3 150.5

129 99.8 79.4 119.0

131 97.4 76.2 114.4

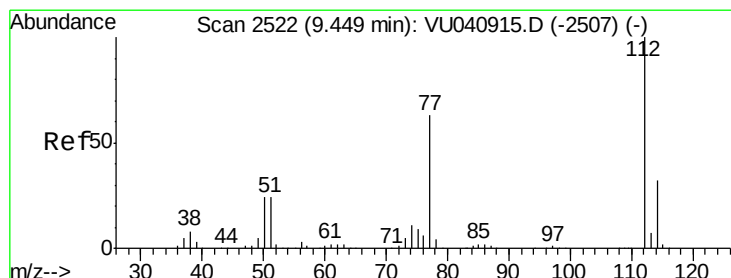
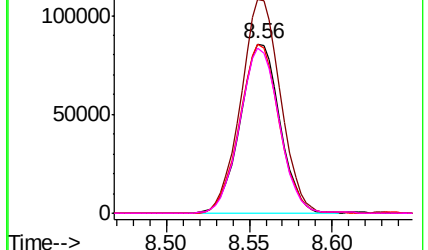
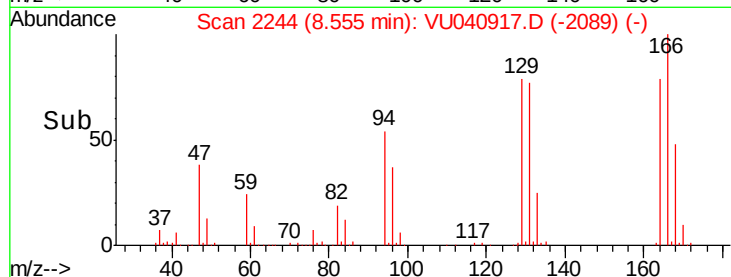


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 9.233 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040917.D

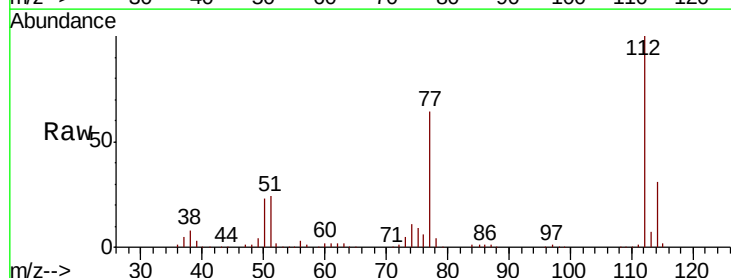
Acq: 22 Oct 2020 21:57

Tgt Ion:112 Resp: 411512

Ion Ratio Lower Upper

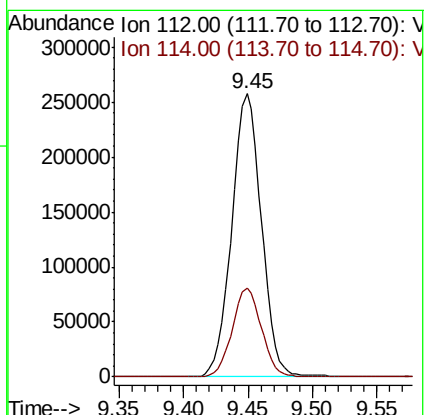
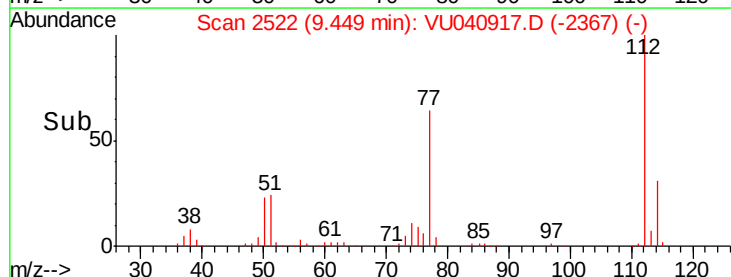
112 100

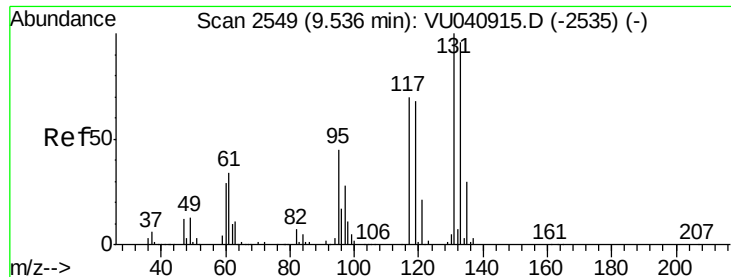
114 31.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

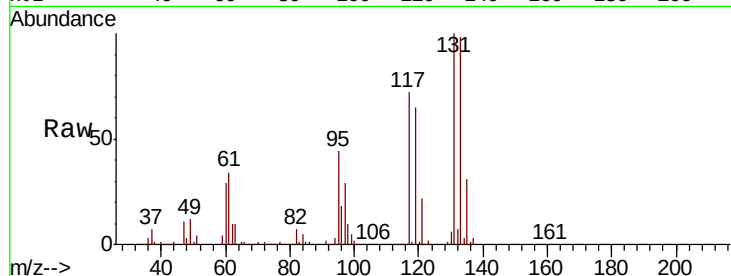




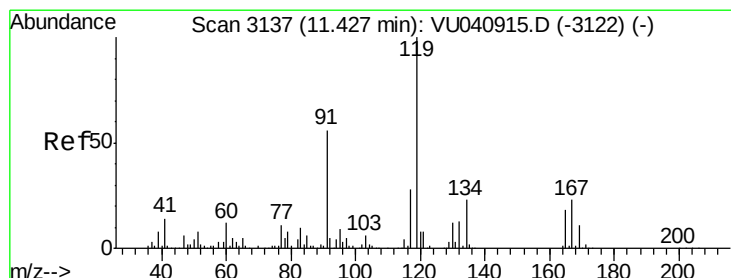
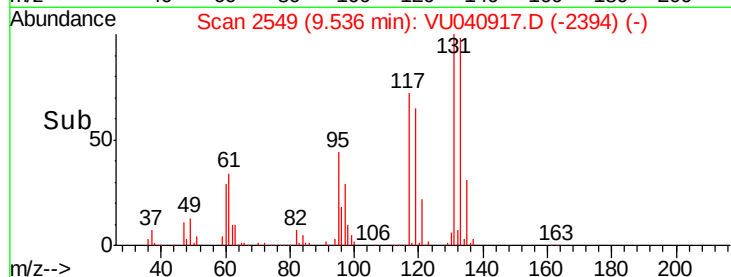
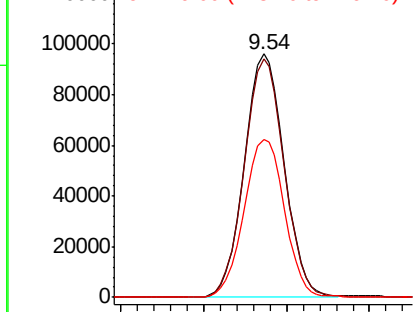
#60
 1,1,1,2-Tetrachloroethane
 Concen: 9.158 ug/l
 RT: 9.54 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion:131 Resp: 160376
 Ion Ratio Lower Upper
 131 100
 133 98.4 77.4 116.0
 119 66.0 53.5 80.3

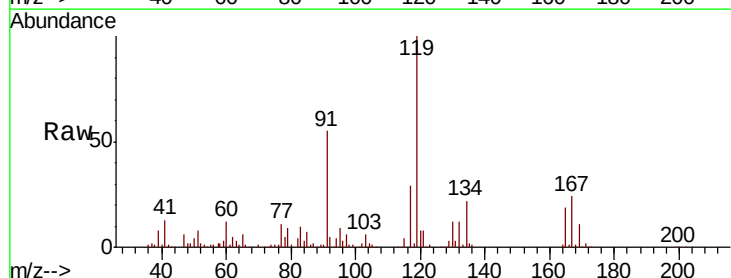


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

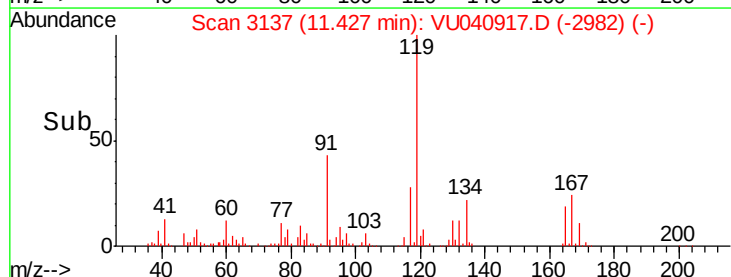
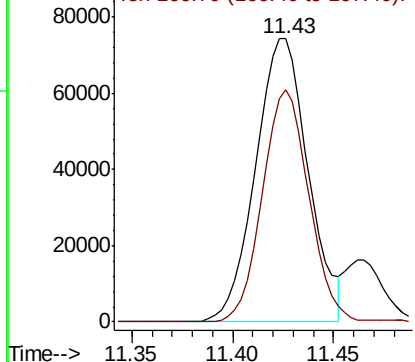


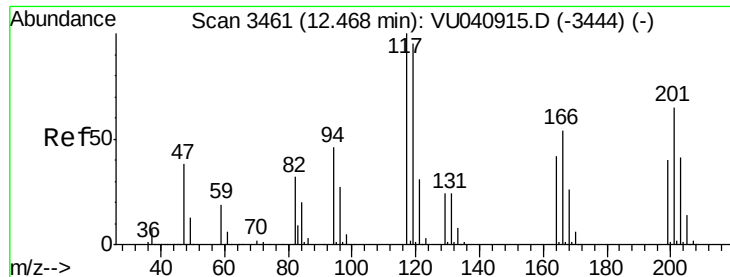
#61
 Pentachloroethane
 Concen: 9.542 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:117 Resp: 134977
 Ion Ratio Lower Upper
 117 100
 167 72.6 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: 8.725 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

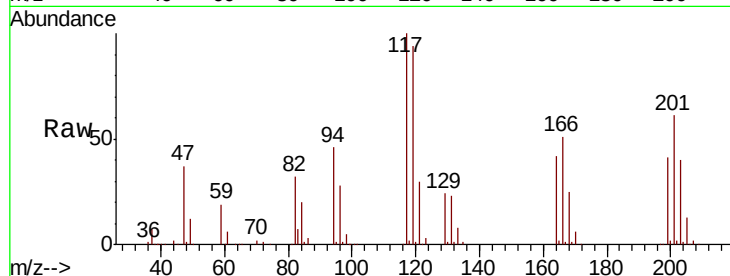
ICVVU102220

Tot Ion:117 Resp: 125621

Ion Ratio Lower Upper

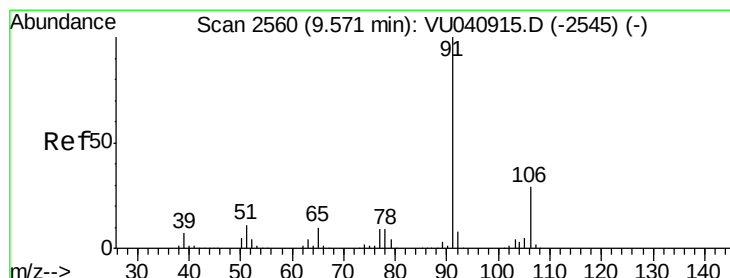
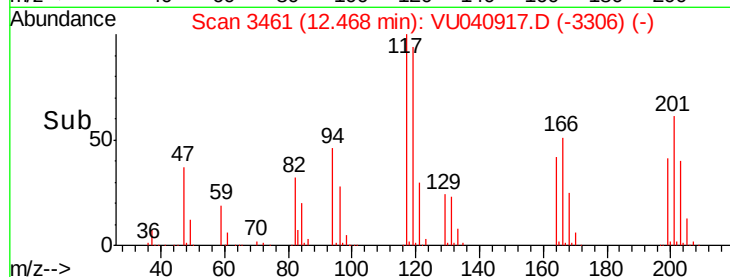
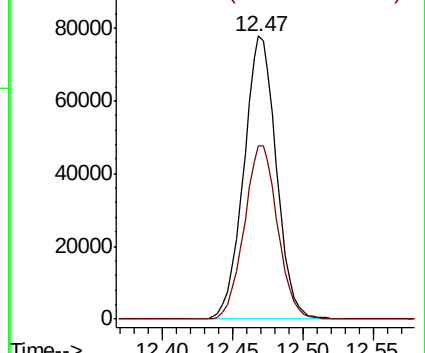
117 100

201 62.8 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: 10.258 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040917.D

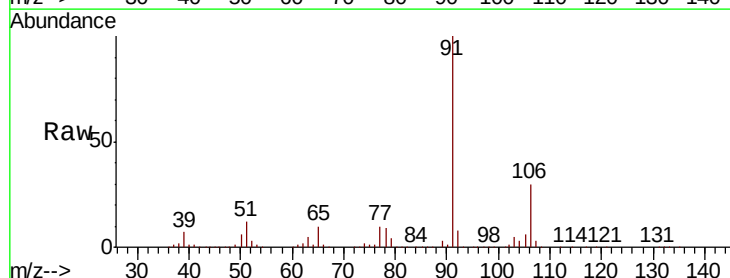
Acq: 22 Oct 2020 21:57

Tgt Ion: 91 Resp: 757276

Ion Ratio Lower Upper

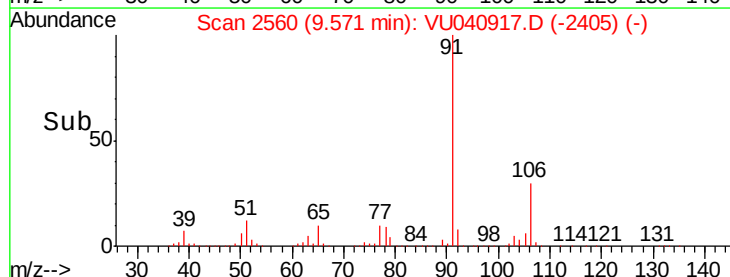
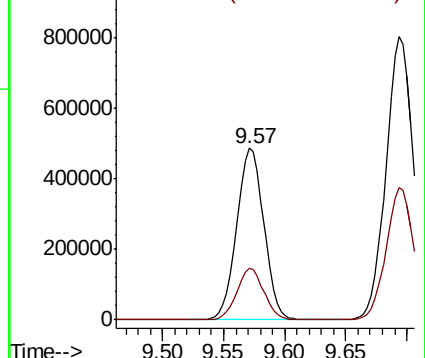
91 100

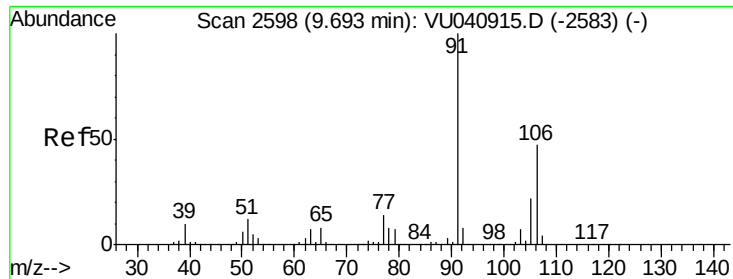
106 30.3 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

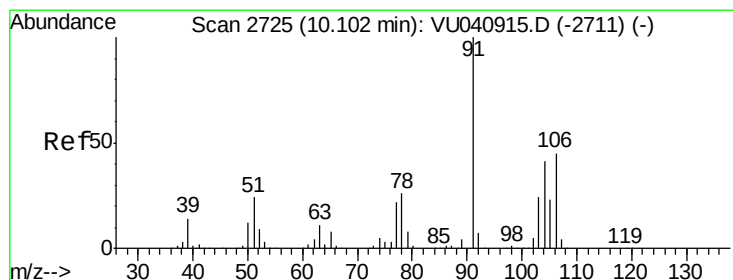
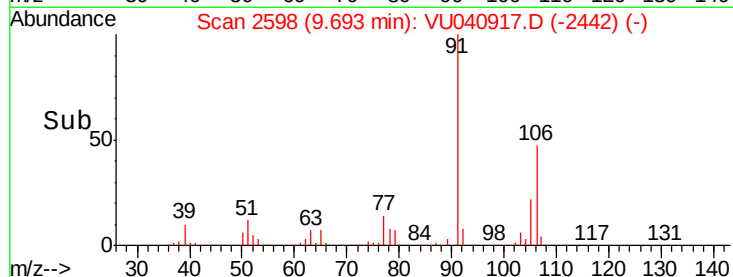
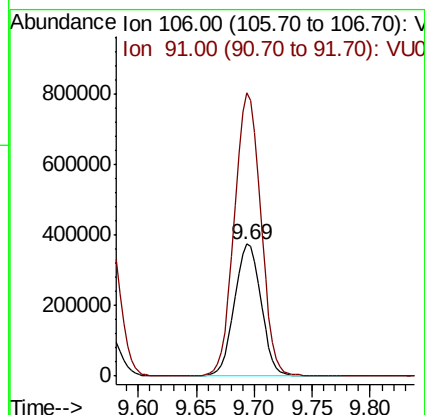
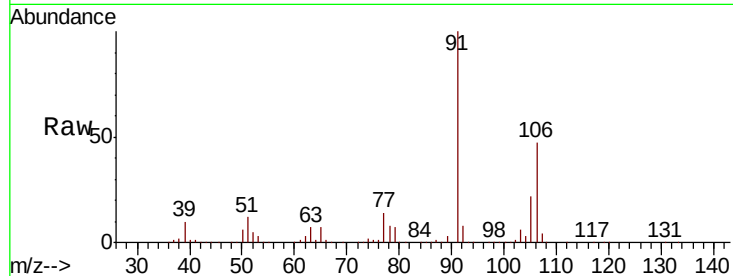




#64
m/p-Xylenes
Concen: 18.227 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

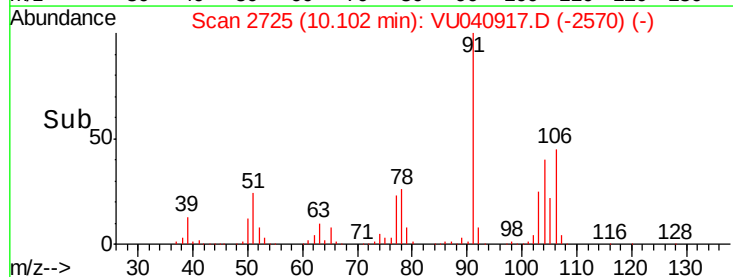
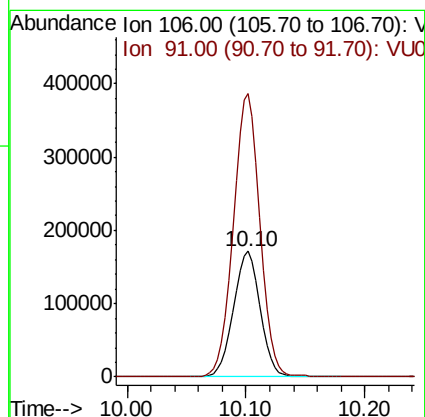
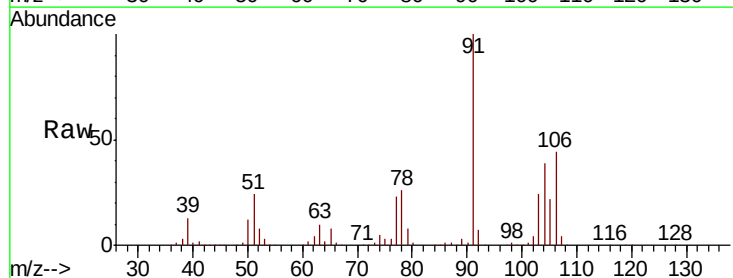
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

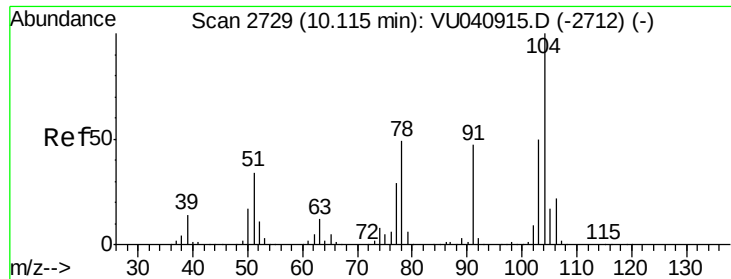
Tot Ion:106 Resp: 594525
Ion Ratio Lower Upper
106 100
91 212.6 168.3 252.5



#65
o-Xylene
Concen: 10.263 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion:106 Resp: 266060
Ion Ratio Lower Upper
106 100
91 224.8 111.3 333.9





#66

Stvrene

Concen: 9.171 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

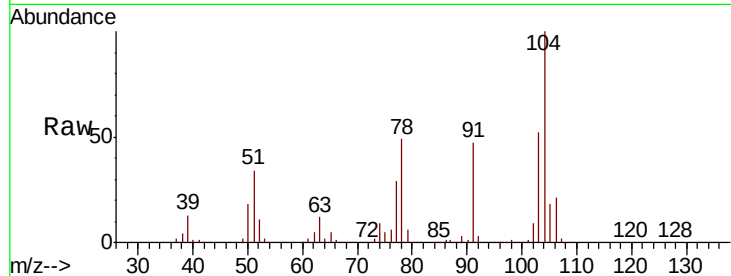
Tot Ion:104 Resp: 494129

Ion Ratio Lower Upper

104 100

78 53.9 43.4 65.0

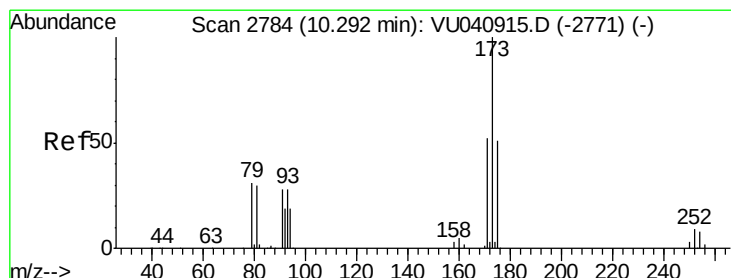
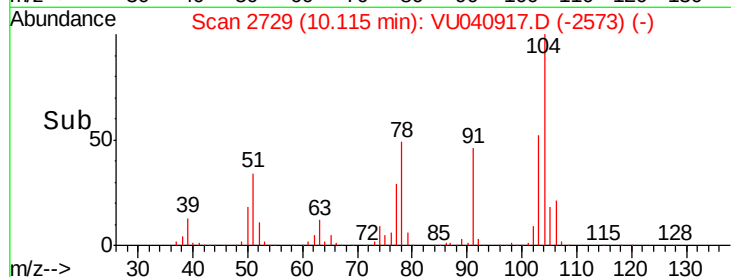
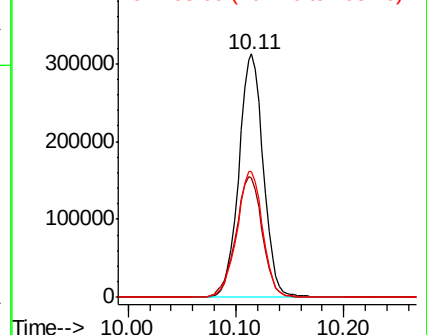
103 54.9 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 9.379 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

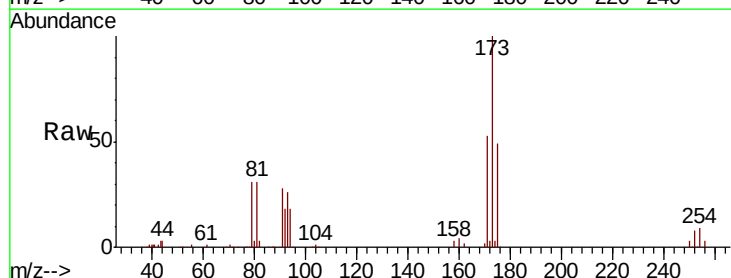
Tgt Ion:173 Resp: 93676

Ion Ratio Lower Upper

173 100

175 50.9 39.0 58.4

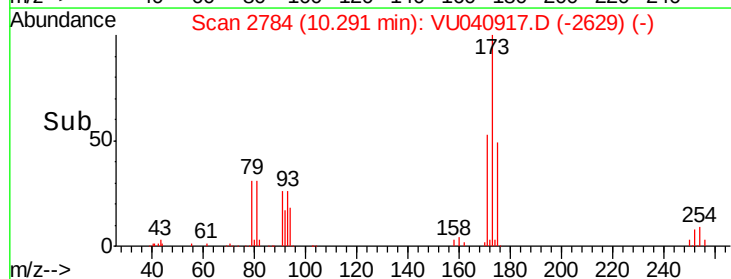
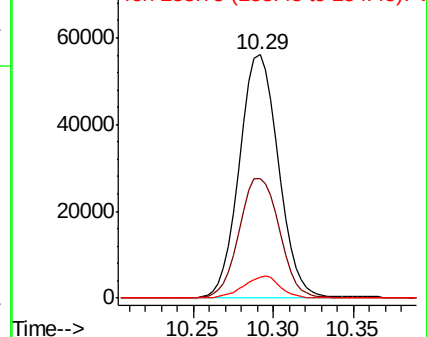
254 8.4 6.6 9.8

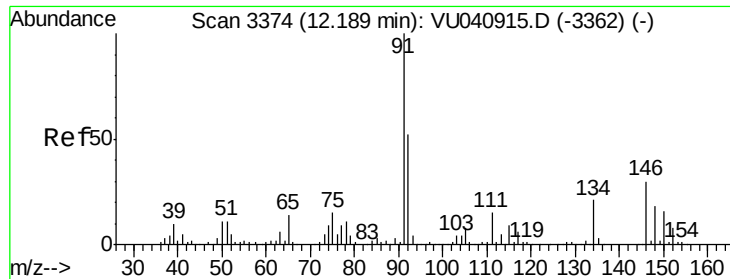


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

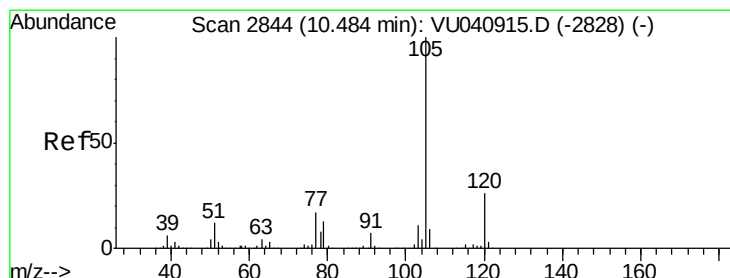
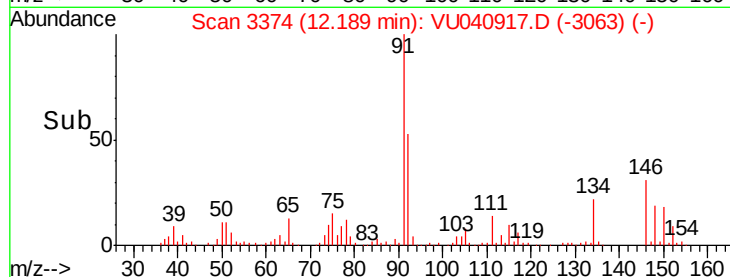
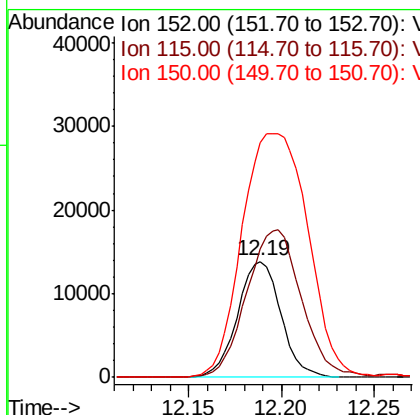
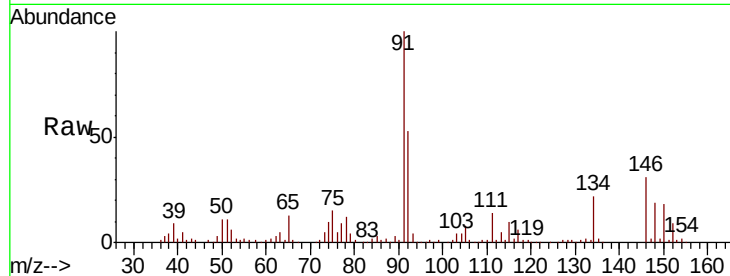




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.987 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

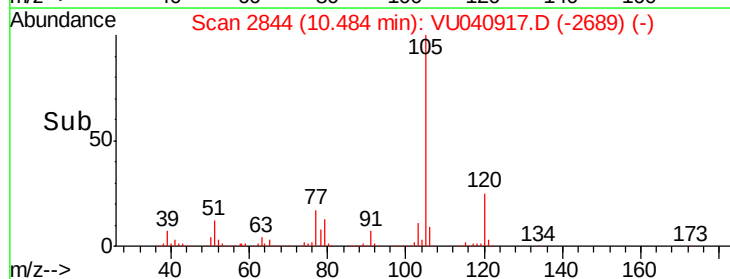
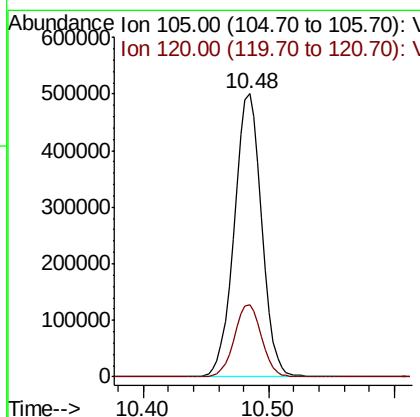
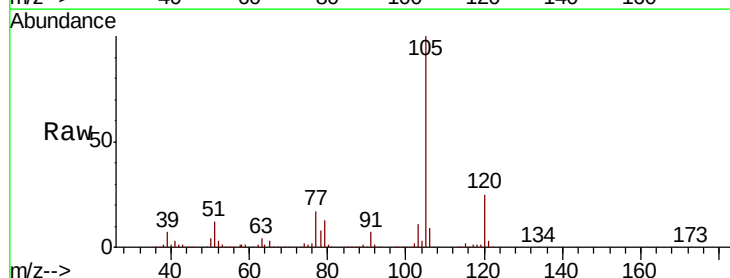
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

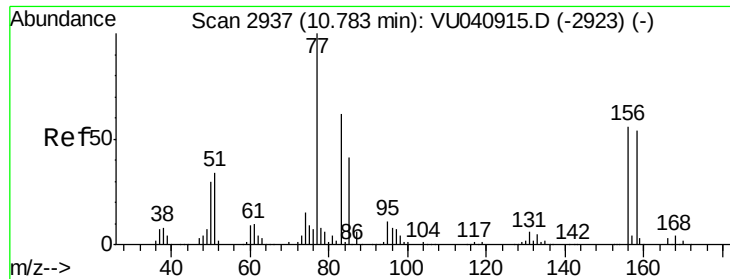
Tot Ion:152 Resp: 22446
 Ion Ratio Lower Upper
 152 100
 115 162.5 0.0 323.4
 150 321.0 0.0 653.8



#69
 Isopropylbenzene
 Concen: 10.959 ug/l
 RT: 10.48 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:105 Resp: 757689
 Ion Ratio Lower Upper
 105 100
 120 25.4 12.9 38.6





#70

1,1,2,2-Tetrachloroethane

Concen: 9.385 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

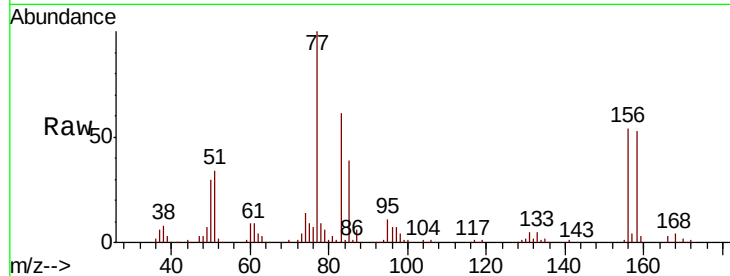
Tot Ion: 83 Resp: 196521

Ion Ratio Lower Upper

83 100

131 8.8 7.1 10.7

85 64.4 51.8 77.6

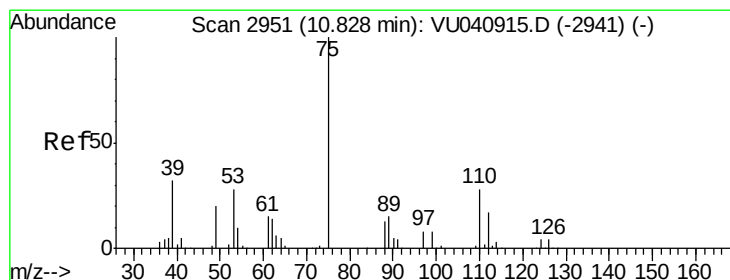
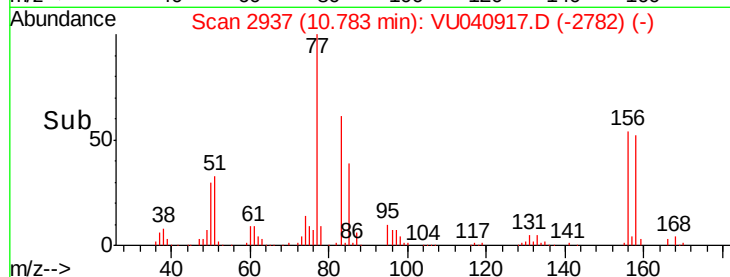
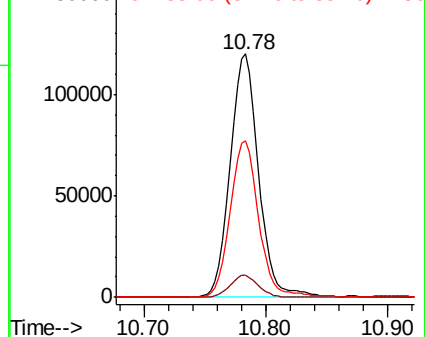


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0



#71

1,2,3-Trichloropropane

Concen: 12.788 ug/l

RT: 10.82 min Scan# 2949

Delta R.T. -0.01 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion: 75 Resp: 204144

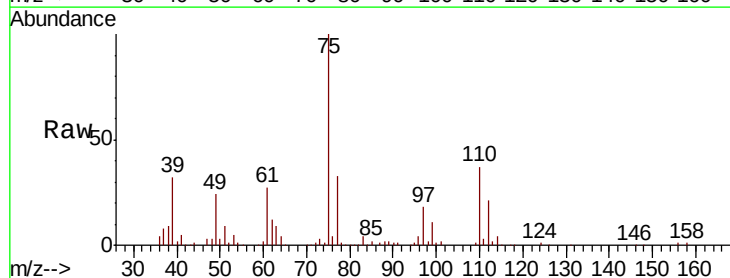
Ion Ratio Lower Upper

75 100

77 29.8 0.0 110.8

110 27.3 0.0 73.4

97 12.8 0.0 36.0



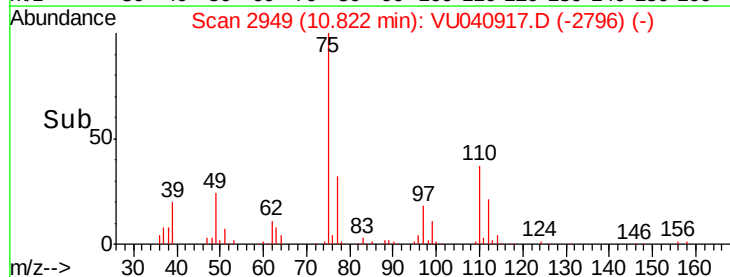
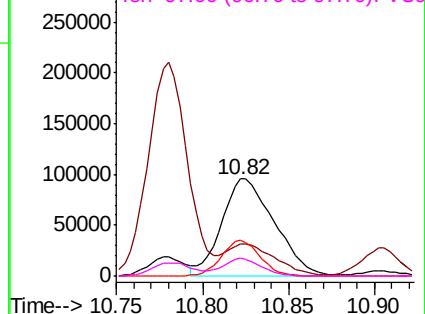
Abundance

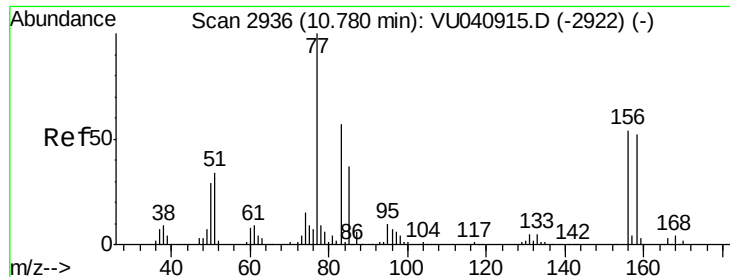
Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0





#72

Bromobenzene

Concen: 9.836 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

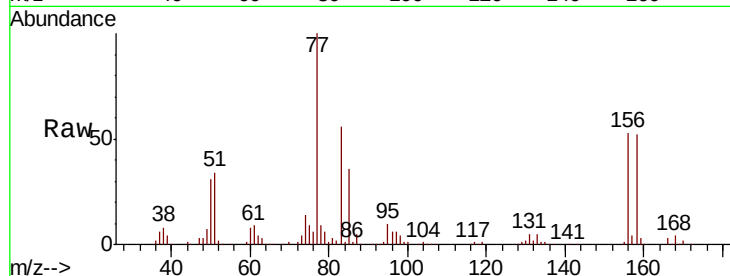
Tot Ion:156 Resp: 177298

Ion Ratio Lower Upper

156 100

77 190.7 0.0 370.2

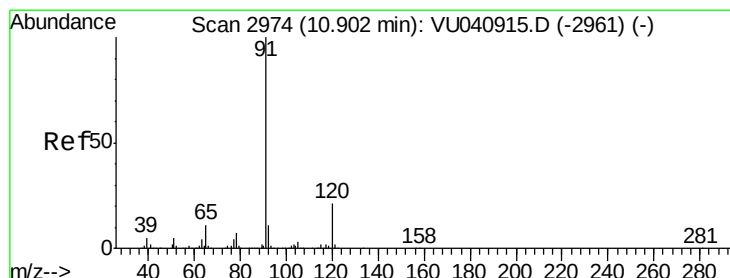
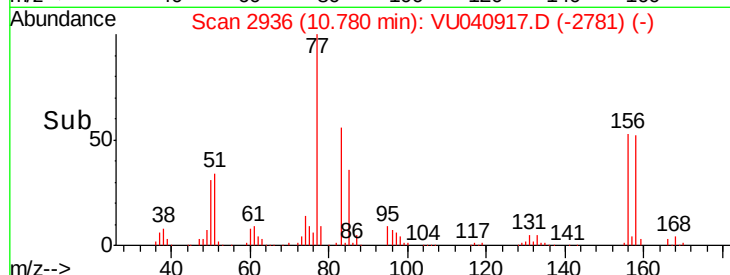
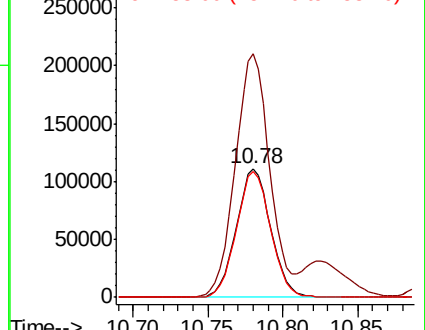
158 97.5 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 8.898 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040917.D

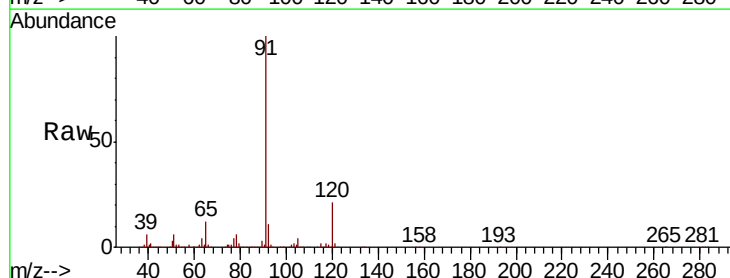
Acq: 22 Oct 2020 21:57

Tgt Ion:120 Resp: 203544

Ion Ratio Lower Upper

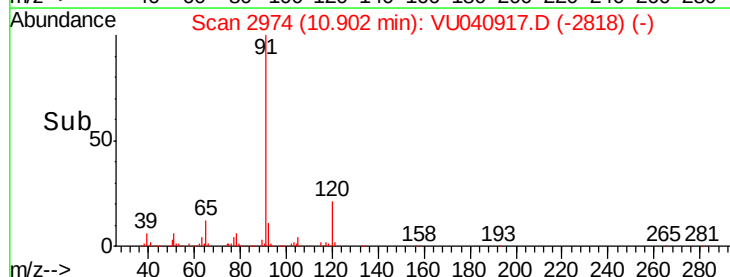
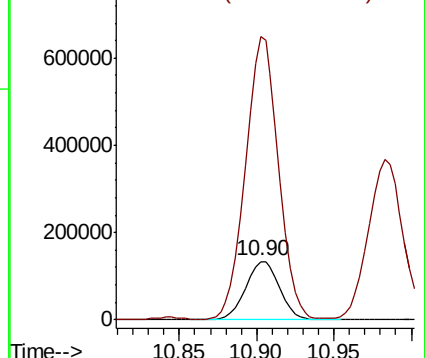
120 100

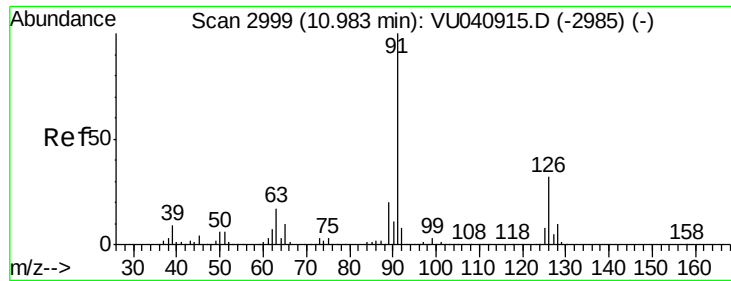
91 472.6 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

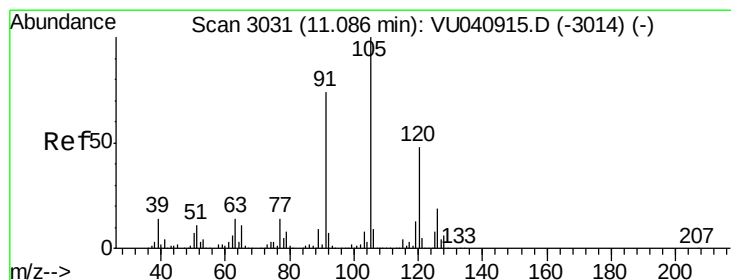
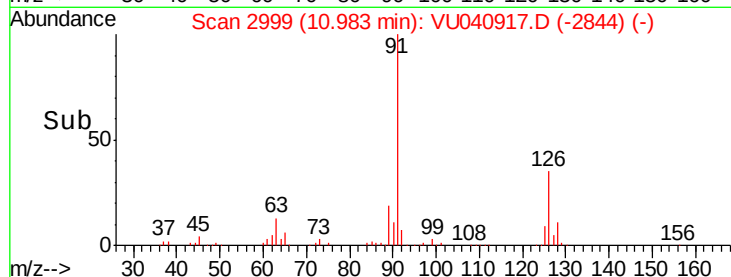
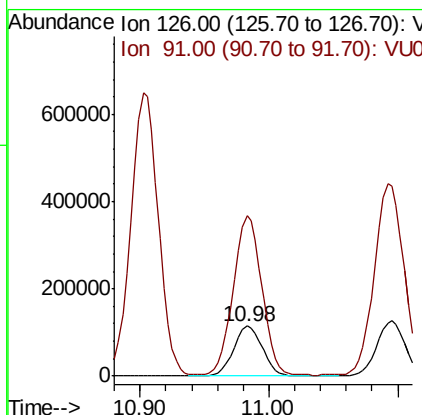
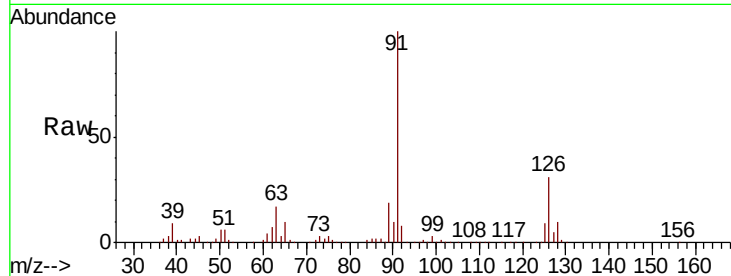




#74
 2-Chlorotoluene
 Concen: 9.924 ug/l
 RT: 10.98 min Scan# 2999
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

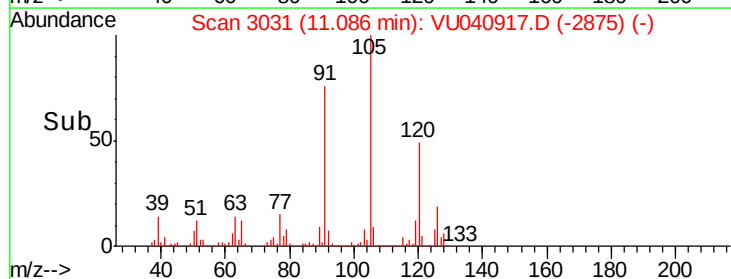
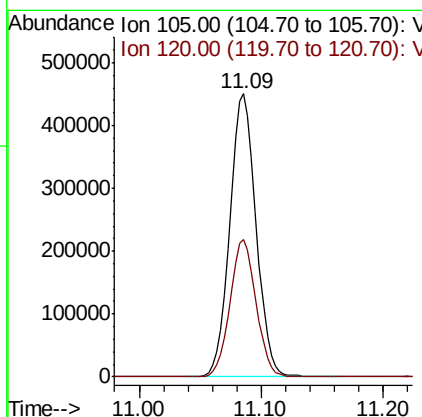
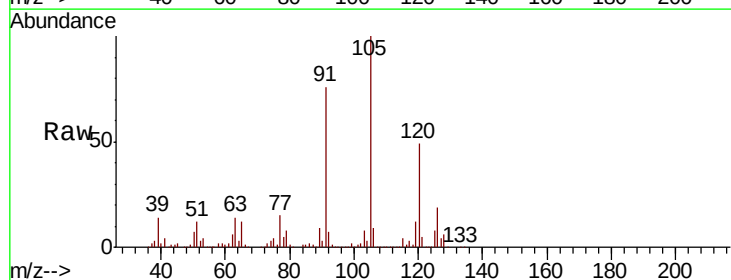
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

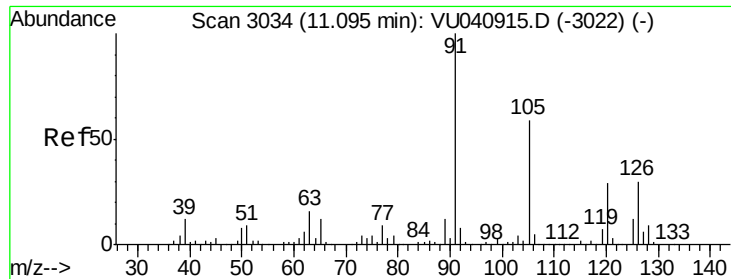
Tot Ion:126 Resp: 178033
 Ion Ratio Lower Upper
 126 100
 91 315.1 0.0 633.2



#75
 1,3,5-Trimethylbenzene
 Concen: 9.402 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:105 Resp: 675567
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.7 58.1





#76

4-Chlorotoluene

Concen: 10.427 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

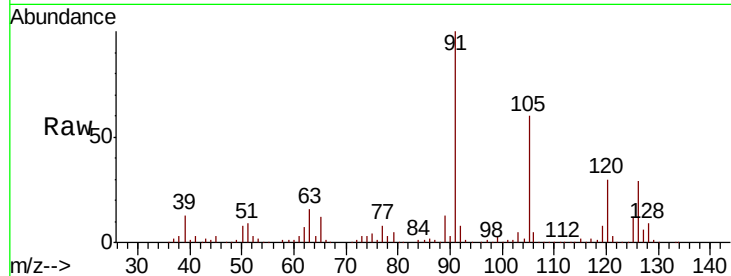
ICVVU102220

Tot Ion:126 Resp: 193870

Ion Ratio Lower Upper

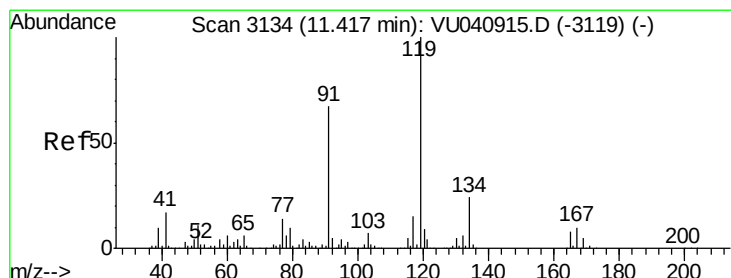
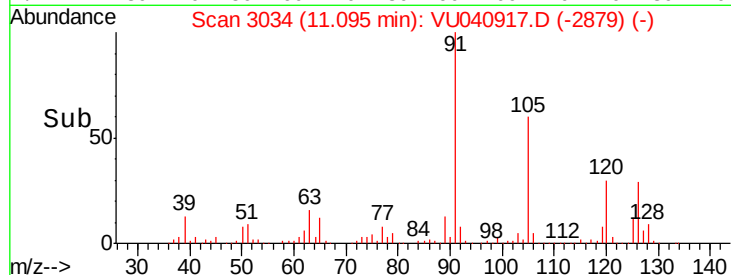
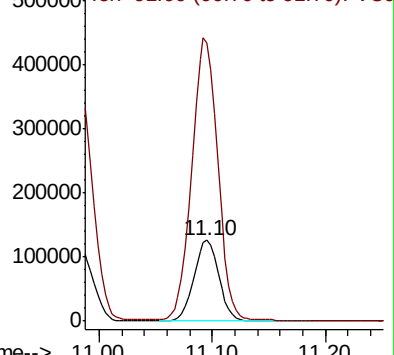
126 100

91 363.2 0.0 730.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 10.208 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

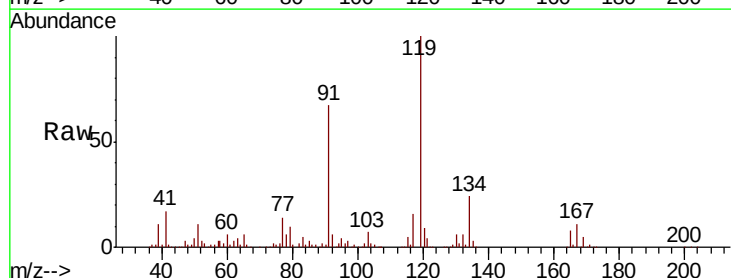
Tgt Ion:119 Resp: 596508

Ion Ratio Lower Upper

119 100

91 62.5 32.0 96.2

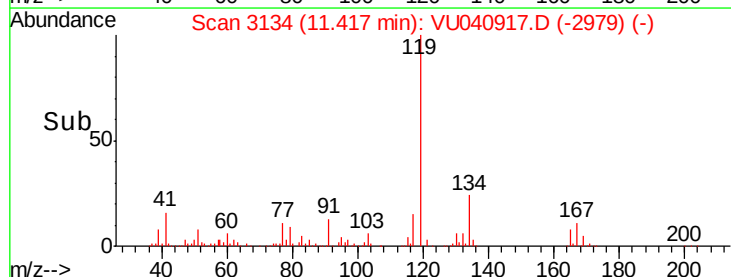
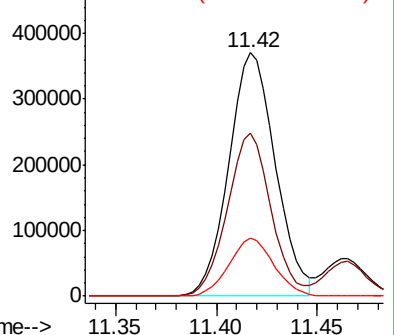
134 23.1 18.4 27.6

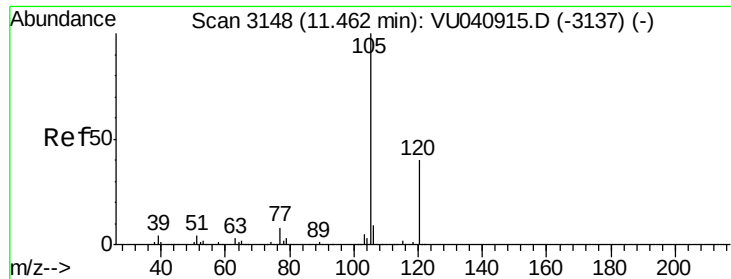


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#78

1,2,4-Trimethylbenzene

Concen: 9.327 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

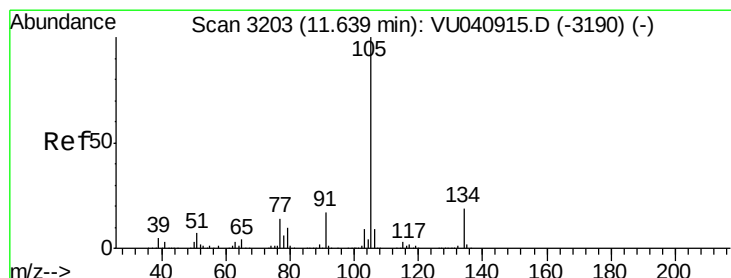
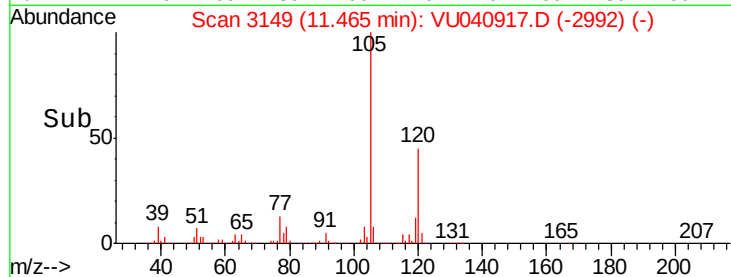
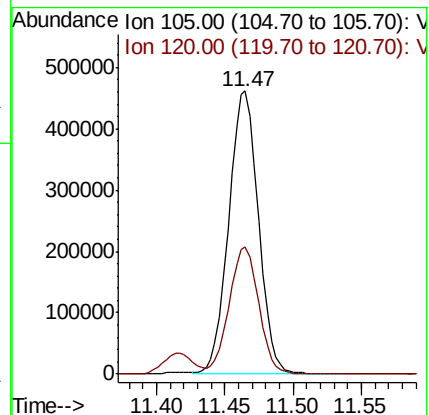
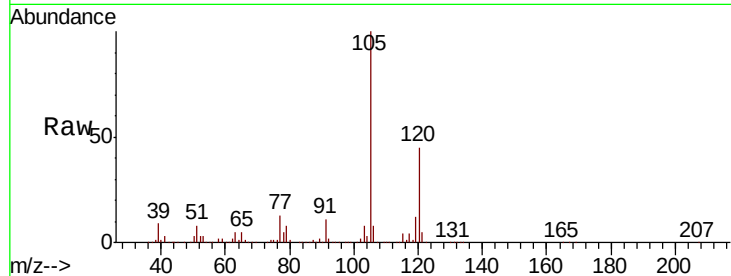
ICVVU102220

Tot Ion:105 Resp: 694776

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8



#79

sec-Butylbenzene

Concen: 9.728 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040917.D

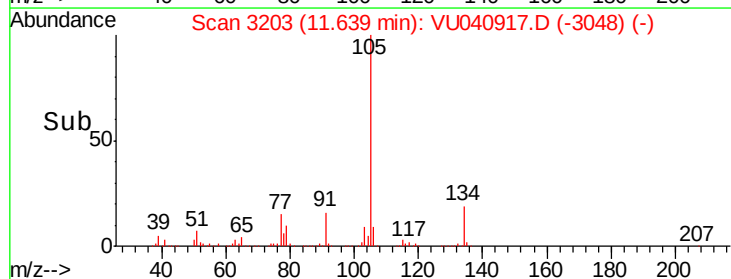
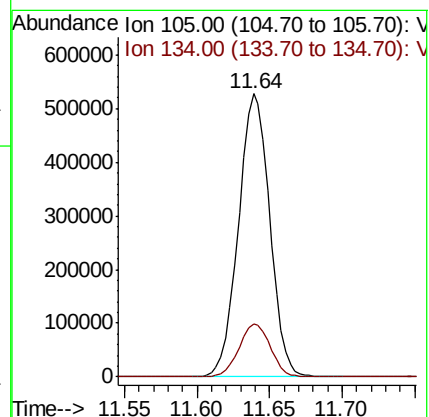
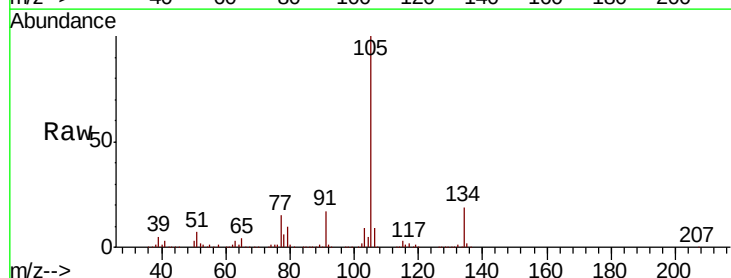
Acq: 22 Oct 2020 21:57

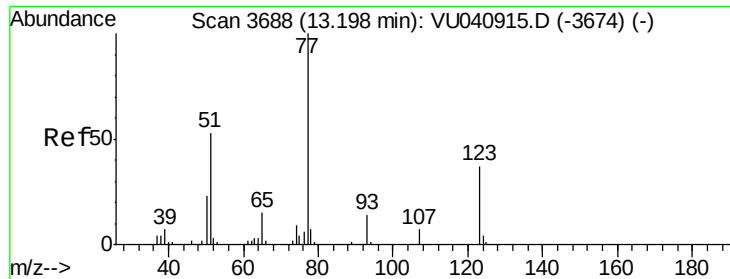
Tgt Ion:105 Resp: 789222

Ion Ratio Lower Upper

105 100

134 18.9 15.4 23.0

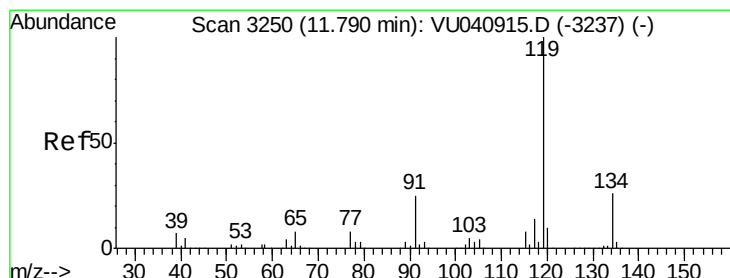
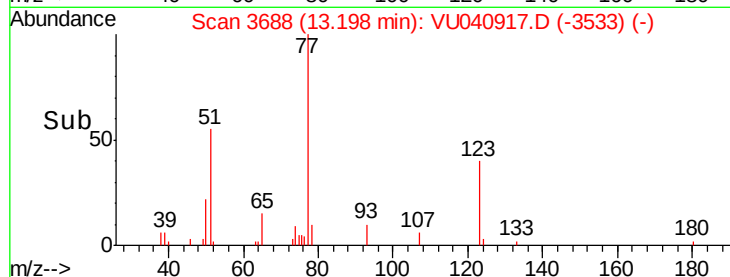
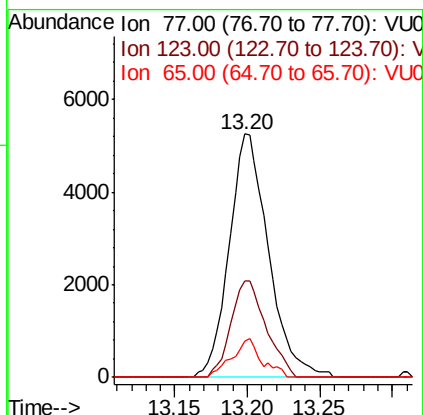
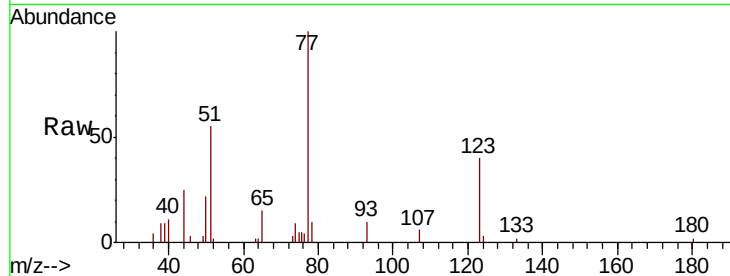




#80
 Nitrobenzene
 Concen: 9.997 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

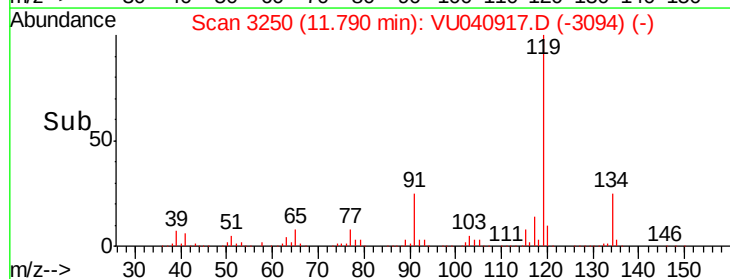
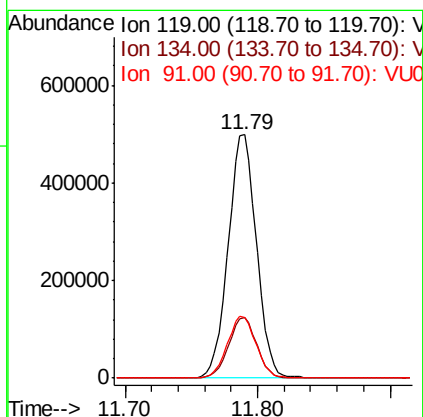
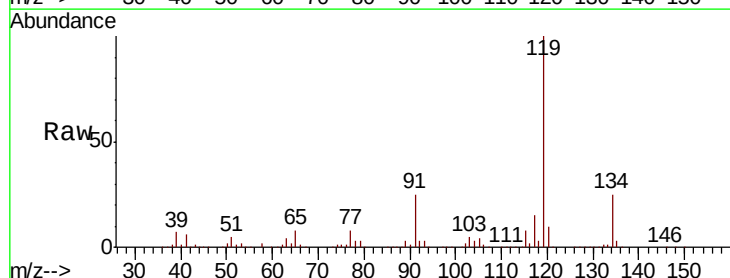
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

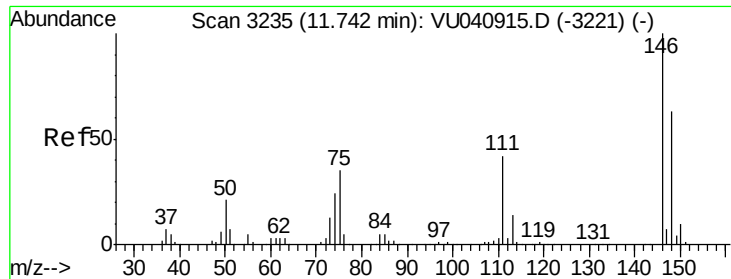
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.4	16.8	59.4
65	12.0	11.0	14.0



#81
 p-Isopropyltoluene
 Concen: 9.344 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.6	20.4	30.6
91	25.7	20.4	30.6

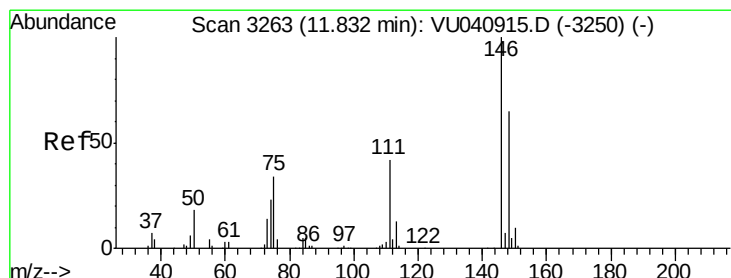
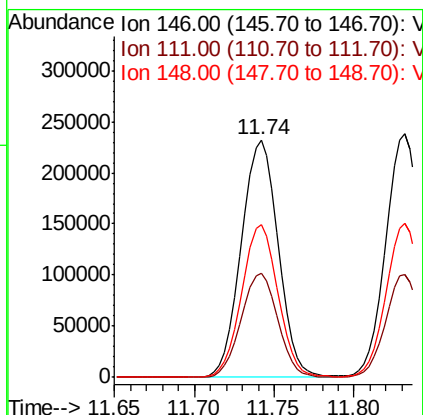
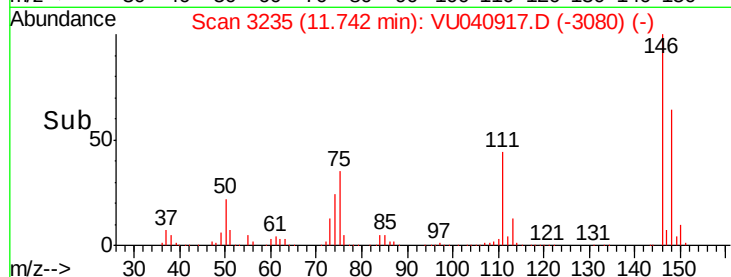
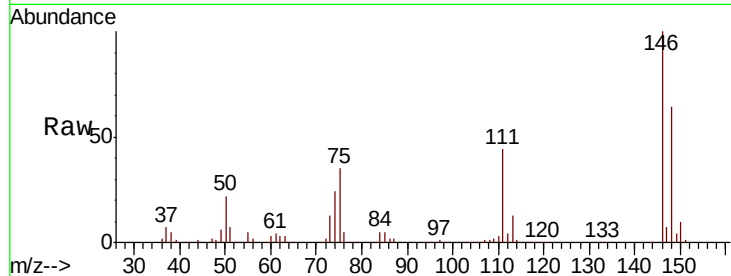




#82
 1,3-Dichlorobenzene
 Concen: 9.291 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

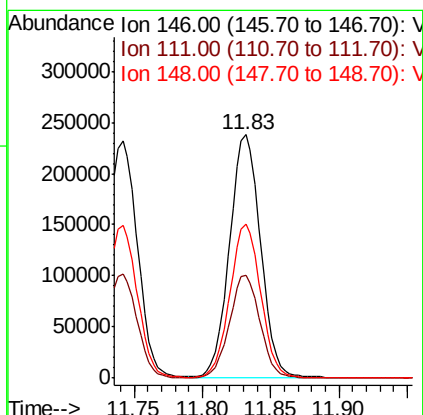
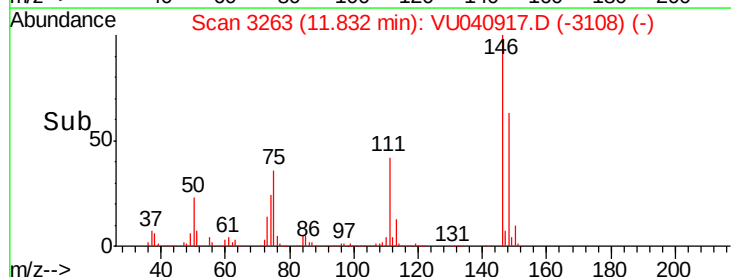
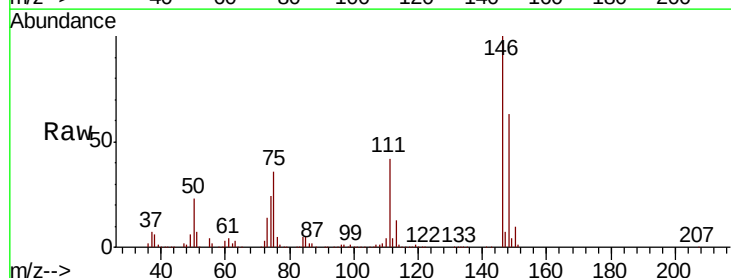
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

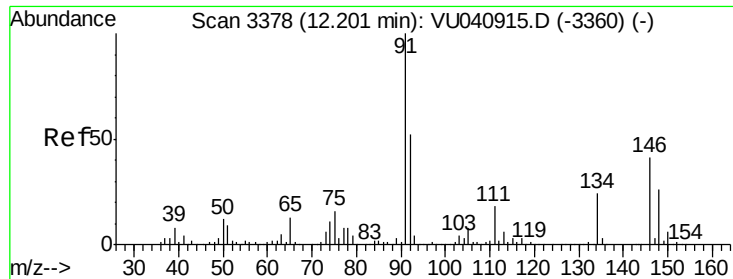
Tot Ion:146 Resp: 365336
 Ion Ratio Lower Upper
 146 100
 111 43.6 33.6 50.4
 148 63.3 50.1 75.1



#83
 1,4-Dichlorobenzene
 Concen: 9.439 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:146 Resp: 375289
 Ion Ratio Lower Upper
 146 100
 111 41.4 33.7 50.5
 148 62.9 50.6 75.8

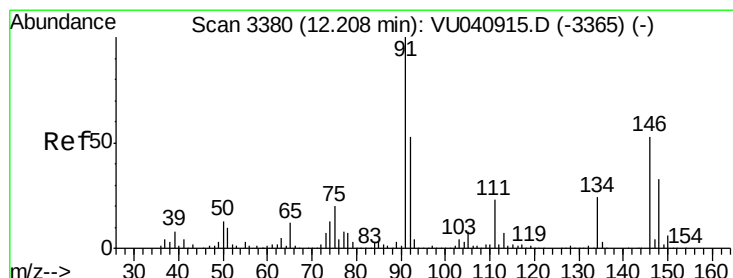
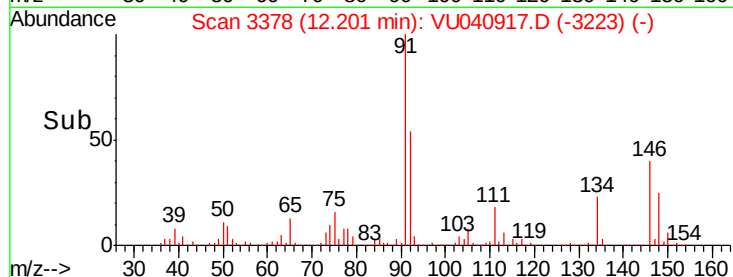
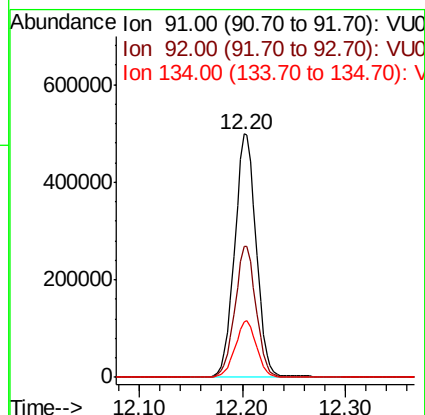
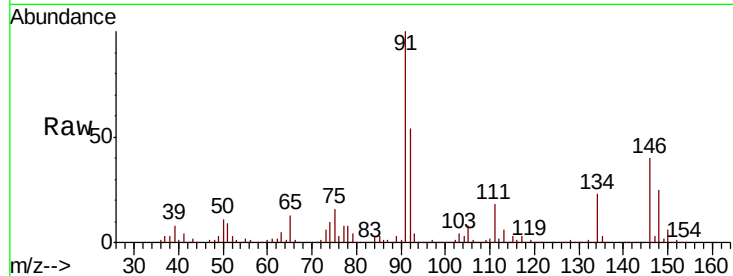




#84
n-Butylbenzene
Concen: 10.763 ug/l
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

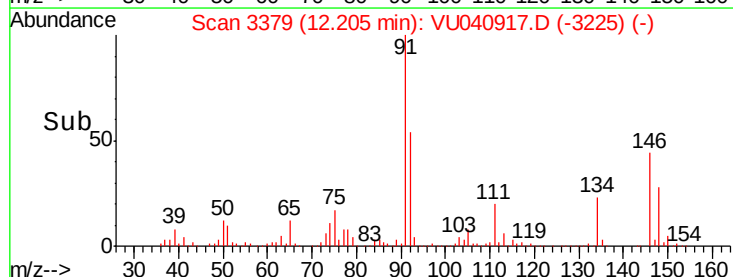
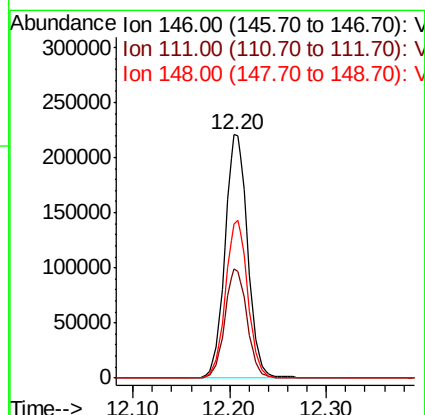
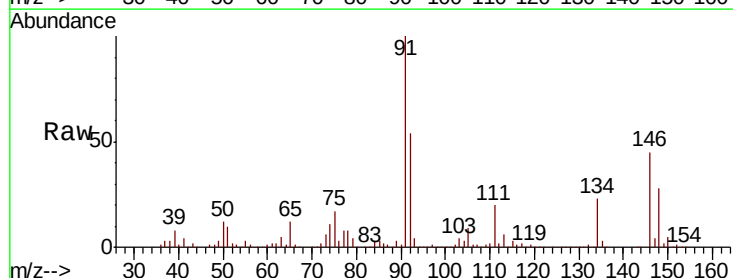
Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

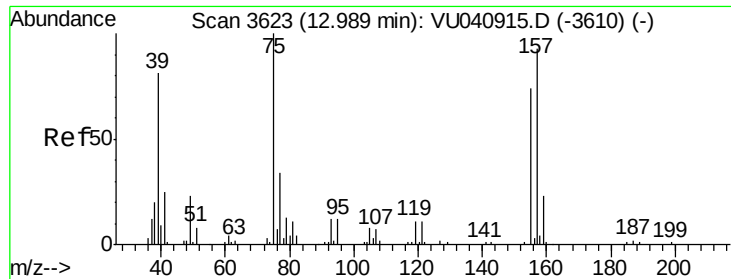
Tot Ion: 91 Resp: 730945
Ion Ratio Lower Upper
91 100
92 52.8 41.7 62.5
134 23.0 18.6 28.0



#85
1,2-Dichlorobenzene
Concen: 9.523 ug/l
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 146 Resp: 358188
Ion Ratio Lower Upper
146 100
111 44.0 22.3 66.9
148 63.5 31.5 94.5





#86

1,2-Dibromo-3-Chloropropane

Concen: 9.566 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

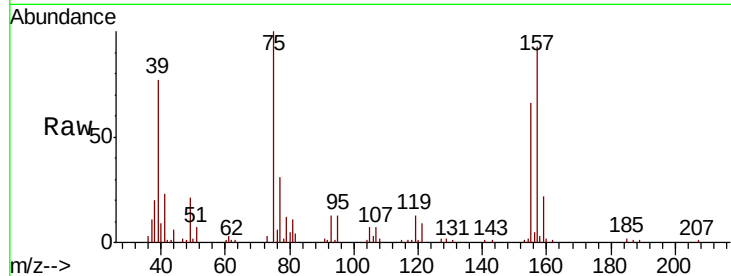
Tot Ion: 75 Resp: 37397

Ion	Ratio	Lower	Upper
75	100		
155	66.7	57.1	85.7
157	90.2	72.4	108.6

75 100

155 66.7 57.1 85.7

157 90.2 72.4 108.6

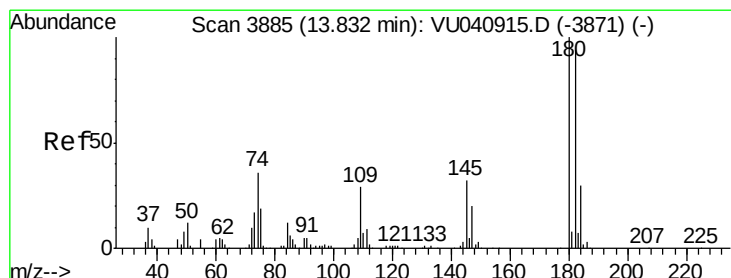
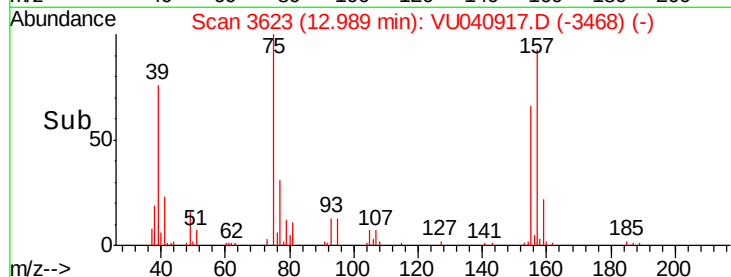
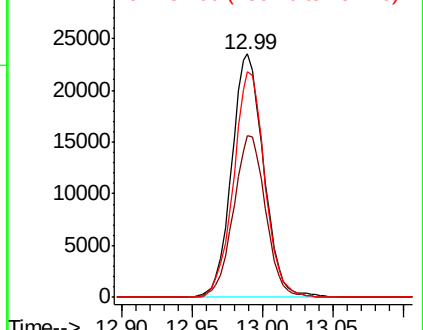


Abundance

Ion 75.00 (74.70 to 75.70): VU040917.D (-3610) (-)

Ion 155.00 (154.70 to 155.70): VU040917.D (-3610) (-)

Ion 157.00 (156.70 to 157.70): VU040917.D (-3610) (-)



#87

1,2,4-Trichlorobenzene

Concen: 11.116 ug/l

RT: 13.83 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

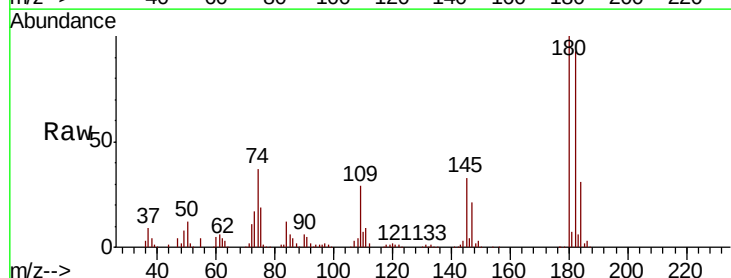
Tgt Ion: 180 Resp: 245058

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.2
145	32.8	25.4	38.0

180 100

182 93.7 75.4 113.2

145 32.8 25.4 38.0

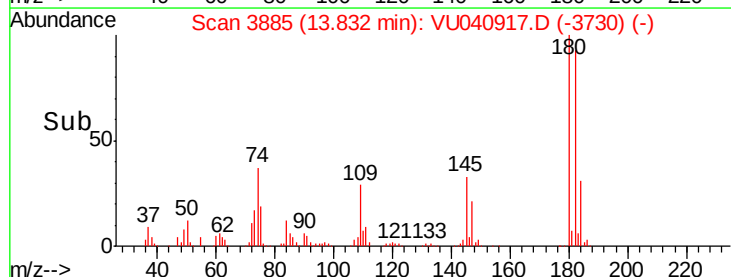
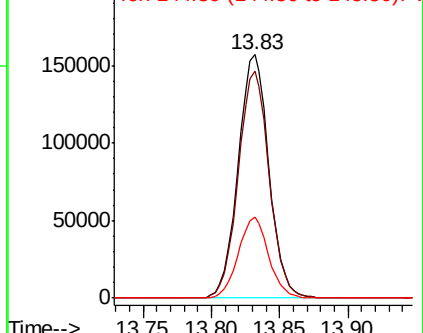


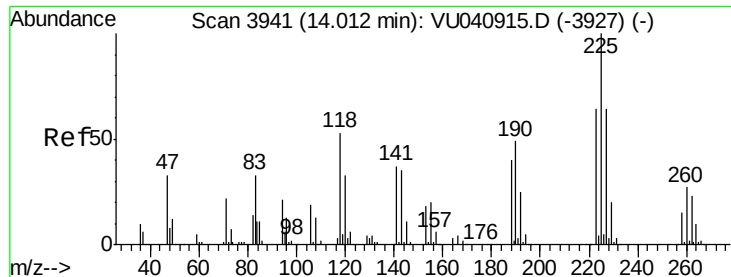
Abundance

Ion 179.70 (179.40 to 180.40): VU040917.D (-3871) (-)

Ion 181.80 (181.50 to 182.50): VU040917.D (-3871) (-)

Ion 144.80 (144.50 to 145.50): VU040917.D (-3871) (-)





#88

Hexachlorobutadiene

Concen: 9.758 ug/l

RT: 14.01 min Scan# 3941

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

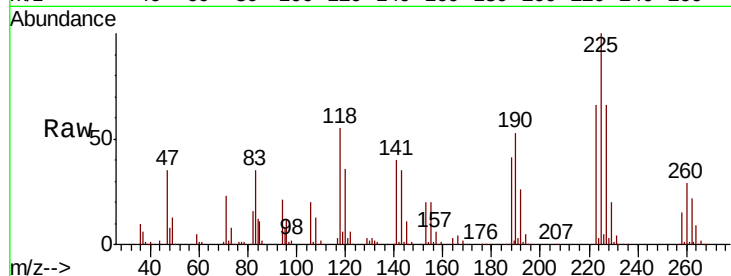
Tot Ion:225 Resp: 120771

Ion Ratio Lower Upper

225 100

223 63.3 49.9 74.9

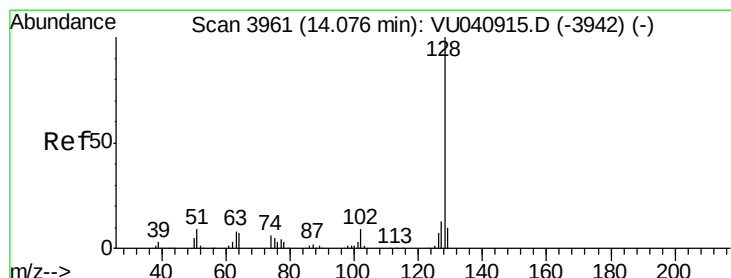
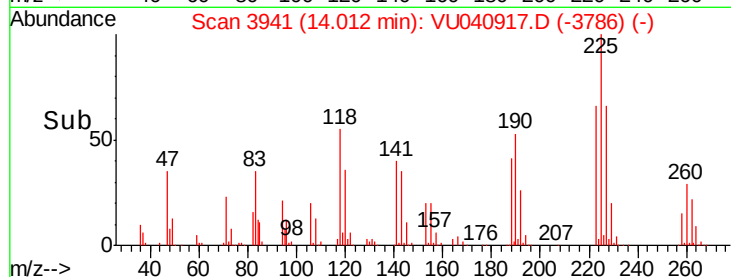
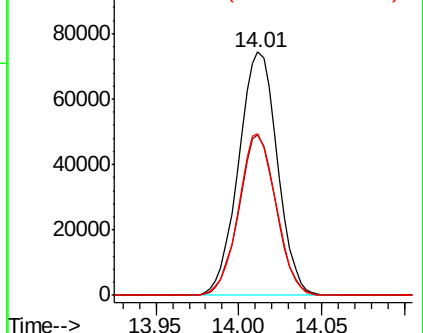
227 63.9 51.1 76.7



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: 9.337 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

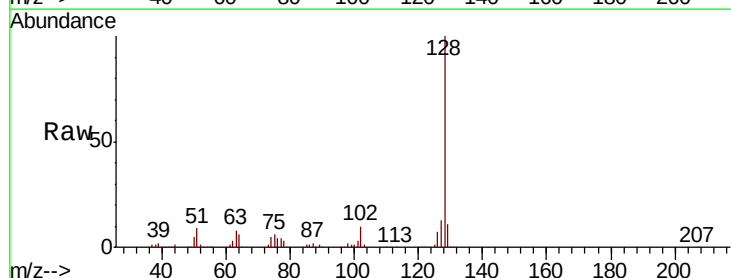
Tgt Ion:128 Resp: 515921

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

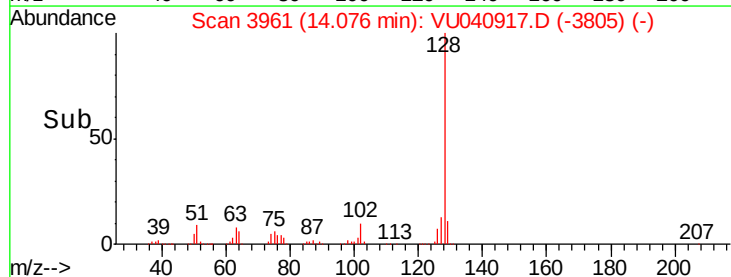
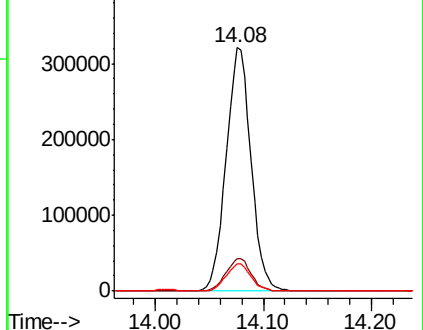
129 11.1 8.6 13.0

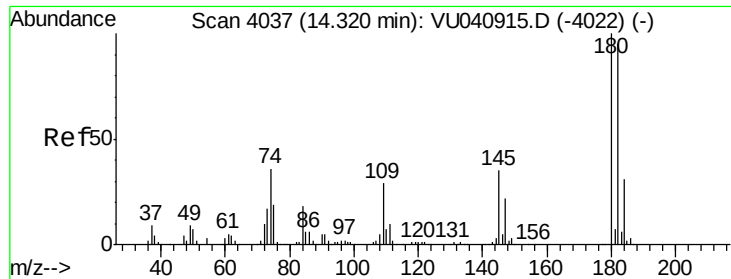


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

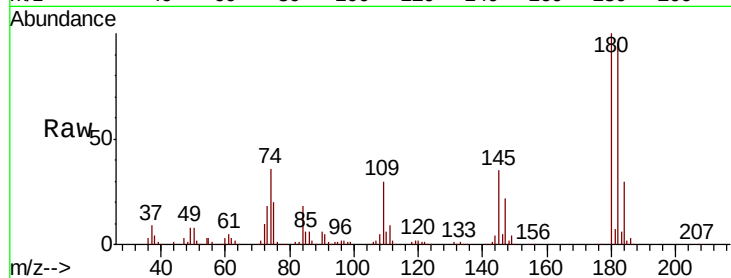




#90
 1,2,3-Trichlorobenzene
 Concen: 11.050 ug/l
 RT: 14.32 min Scan# 4037
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.6	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

