

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040064.D
 Acq On : 09 Sep 2020 13:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Quant Time: Sep 10 04:12:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	29361	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	12215	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10460	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	58571	7.025	ug/l 97
3) Chloromethane	1.53	50	84539	9.586	ug/l 99
4) Vinyl Chloride	1.61	62	84695	9.767	ug/l 99
5) Bromomethane	1.86	94	55897	10.707	ug/l 99
6) Chloroethane	1.94	64	54103	9.461	ug/l 97
7) Trichlorofluoromethane	2.15	101	133355	10.245	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	69642	9.273	ug/l 99
9) 1,1-Dichloroethene	2.59	96	68029	10.713	ug/l 96
10) Iodomethane	2.74	142	79093	10.626	ug/l 97
11) Allyl Chloride	2.94	41	133067	10.609	ug/l 96
12) Acrylonitrile	3.34	53	109527	49.613	ug/l 98
13) Acetone	2.65	43	118063	58.347	ug/l 95
14) Carbon Disulfide	2.81	76	209484	11.879	ug/l 99
15) Methylene Chloride	3.06	84	85929	11.225	ug/l 96
16) trans-1,2-Dichloroethene	3.37	96	76698	11.124	ug/l 96
17) 1,1-Dichloroethane	3.89	63	150119	9.979	ug/l 98
18) 2-Butanone	4.74	43	159866	51.801	ug/l 99
19) Cyclohexane	5.40	56	119413	9.557	ug/l 94
20) Methylcyclohexane	6.77	83	134086	11.578	ug/l 99
21) 2,2-Dichloropropane	4.68	77	132943	9.307	ug/l 100
22) cis-1,2-Dichloroethene	4.69	96	87697	10.921	ug/l 99
23) Diethyl Ether	2.39	59	58152	9.665	ug/l 100
24) tert-Butyl Alcohol	3.24	59	39045	48.219	ug/l 98
25) Methyl tert-Butyl Ether	3.39	73	214786	10.142	ug/l 100
26) Bromochloromethane	4.99	128	33955	9.734	ug/l 99
27) Chloroform	5.11	83	154888	10.142	ug/l 99
28) 1,1,1-Trichloroethane	5.33	97	135321	10.189	ug/l 100
29) 1,1-Dichloropropene	5.54	75	121793	10.777	ug/l 98
30) Carbon Tetrachloride	5.54	117	124721	10.352	ug/l 99
31) Isopropyl Ether	4.02	45	273843	10.573	ug/l # 1
32) Ethyl-t-butyl ether	4.68	59	4503	0.192	ug/l # 37
33) Tert-Amyl methyl ether	5.79	73	6102	0.295	ug/l # 1
34) Propionitrile	4.82	54	86566	110.788	ug/l 99
35) Benzene	5.79	78	340287	10.874	ug/l 99
36) 1,2-Dichloroethane	5.81	62	128817	10.581	ug/l 100
37) Trichloroethene	6.55	130	84722	10.648	ug/l 100
38) 1,2-Dichloropropane	6.81	63	94122	10.388	ug/l 100
39) Methacrylonitrile	5.00	41	38759	9.272	ug/l 99
40) Methyl acrylate	4.87	55	54034	10.079	ug/l # 91
41) Tetrahydrofuran	5.09	42	98405	48.994	ug/l 96
42) 1-Chlorobutane	5.47	56	178262	10.675	ug/l 99

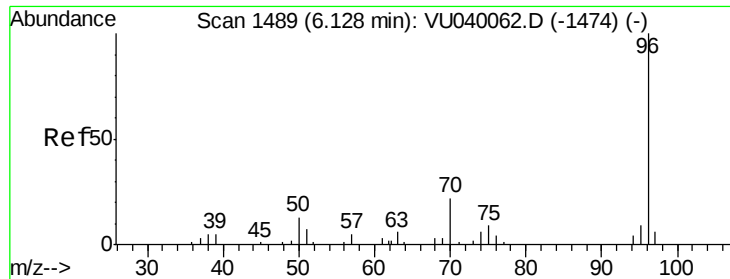
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040064.D
 Acq On : 09 Sep 2020 13:57
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Quant Time: Sep 10 04:12:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	53467	10.211	ug/l	96
44) Bromodichloromethane	7.12	83	131768	10.483	ug/l	96
45) 4-Methyl-2-Pentanone	7.81	43	386417	54.171	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	101390	37.151	ug/l #	40
47) Methyl methacrylate	6.98	69	48412	10.786	ug/l	98
48) Ethyl methacrylate	8.34	69	93214	11.429	ug/l	97
49) Toluene	7.98	92	212504	11.235	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	126950	11.197	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	136415	10.808	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	70870	10.565	ug/l	97
53) 1,3-Dichloropropane	8.58	76	126991	10.545	ug/l	99
54) 2-Hexanone	8.69	43	285640	55.235	ug/l	100
55) Dibromochloromethane	8.82	129	82978	10.601	ug/l	99
56) 1,2-Dibromoethane	8.93	107	69884	11.155	ug/l	95
58) Tetrachloroethene	8.56	164	85386	11.057	ug/l	99
59) Chlorobenzene	9.45	112	220803	10.527	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	83727	10.900	ug/l	99
61) Pentachloroethane	11.42	117	53087	10.136	ug/l	97
62) Hexachloroethane	12.47	117	70836	10.642	ug/l	100
63) Ethyl Benzene	9.57	91	422900	11.816	ug/l	100
64) m/p-Xylenes	9.69	106	319224	23.872	ug/l	99
65) o-Xylene	10.10	106	148353	11.492	ug/l	98
66) Styrene	10.11	104	263146	11.606	ug/l	99
67) Bromoform	10.29	173	44513	11.043	ug/l	97
69) Isopropylbenzene	10.48	105	415444	11.693	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	90390	10.079	ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	101390	14.560	ug/l	76
72) Bromobenzene	10.78	156	90318	10.897	ug/l	97
73) n-propylbenzene	10.91	120	109885	11.249	ug/l	98
74) 2-Chlorotoluene	10.98	126	93003	10.897	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	373868	12.015	ug/l	99
76) 4-Chlorotoluene	11.10	126	101046	10.979	ug/l	97
77) tert-Butylbenzene	11.42	119	324395	11.208	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	376222	11.528	ug/l	100
79) sec-Butylbenzene	11.64	105	436650	10.415	ug/l	100
80) Nitrobenzene	13.20	77	4217	11.724	ug/l #	96
81) p-Isopropyltoluene	11.79	119	398173	11.927	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	192009	10.519	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	189943	10.471	ug/l	99
84) n-Butylbenzene	12.20	91	409791	11.944	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	179946	10.252	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	19199	11.502	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	118227	11.670	ug/l	97
88) Hexachlorobutadiene	14.01	225	57672	11.005	ug/l	100
89) Naphthalene	14.08	128	255736	10.337	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	110579	11.719	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tgt Ion: 96 Resp: 29361

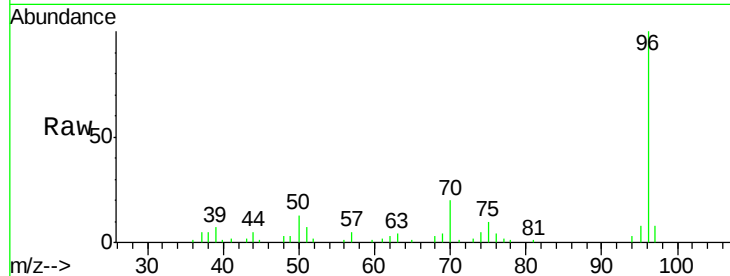
Ion Ratio Lower Upper

96 100

70 20.8 17.1 25.7

95 8.8 7.6 11.4

97 0.0 0.0 0.0

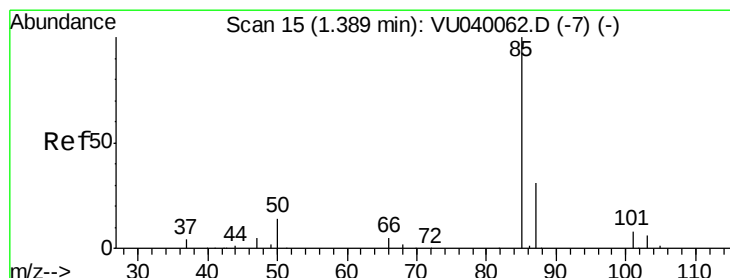
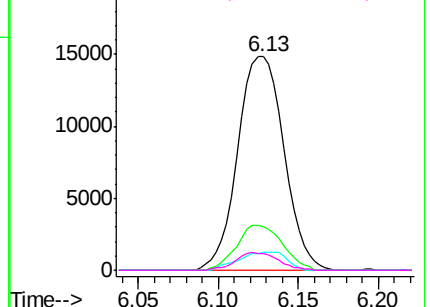
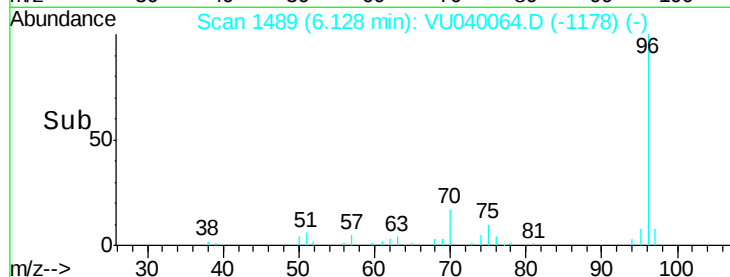


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 7.025 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040064.D

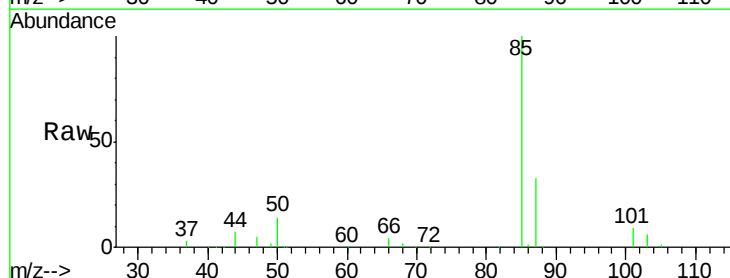
Acq: 09 Sep 2020 13:57

Tgt Ion: 85 Resp: 58571

Ion Ratio Lower Upper

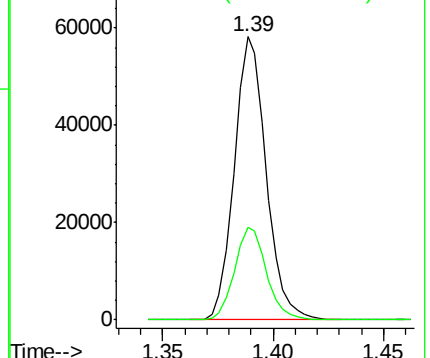
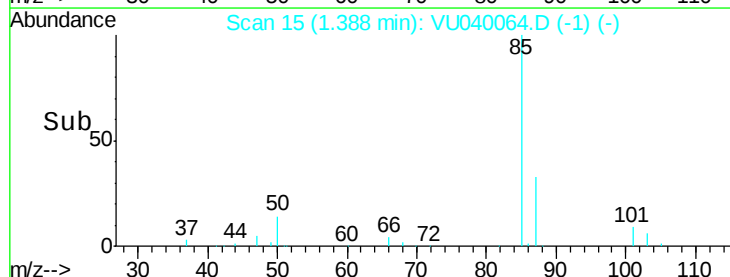
85 100

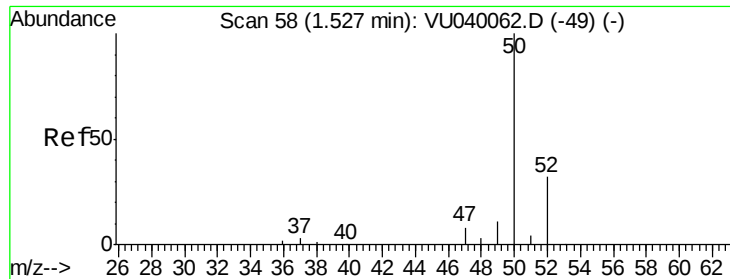
87 32.9 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.586 ug/l

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

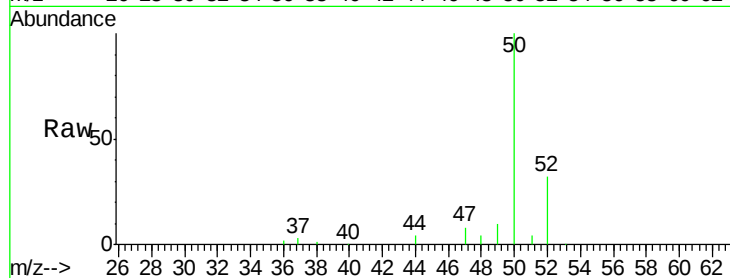
ICVVU090920

Tgt Ion: 50 Resp: 84539

Ion Ratio Lower Upper

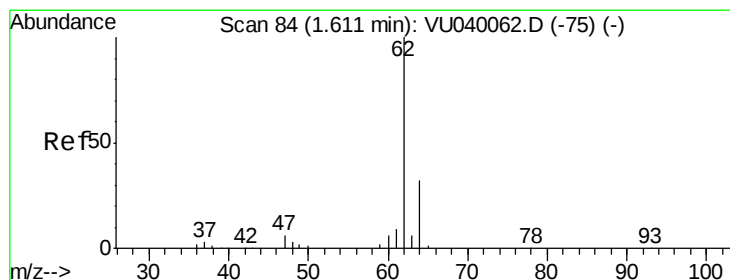
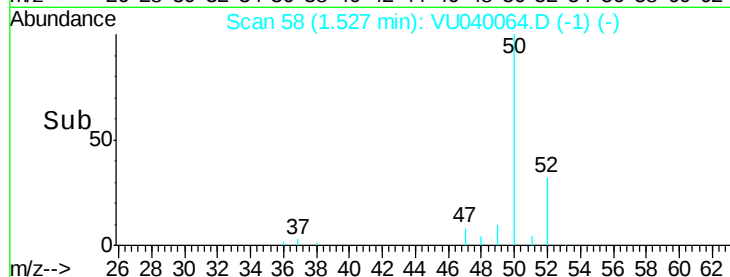
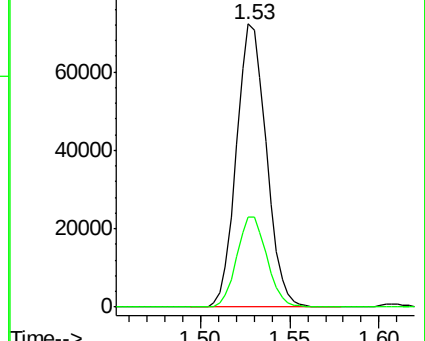
50 100

52 31.9 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.767 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040064.D

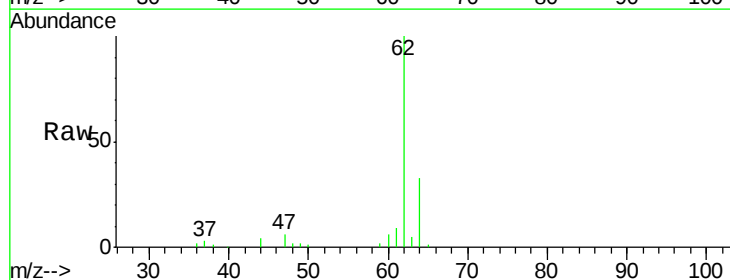
Acq: 09 Sep 2020 13:57

Tgt Ion: 62 Resp: 84695

Ion Ratio Lower Upper

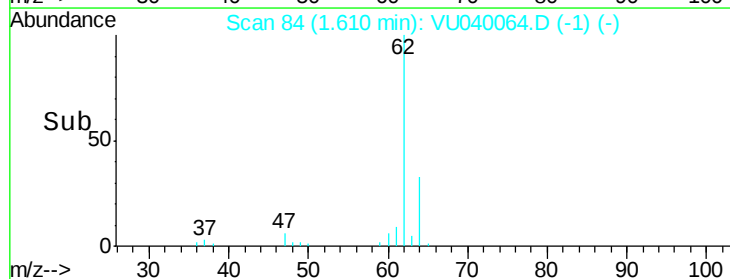
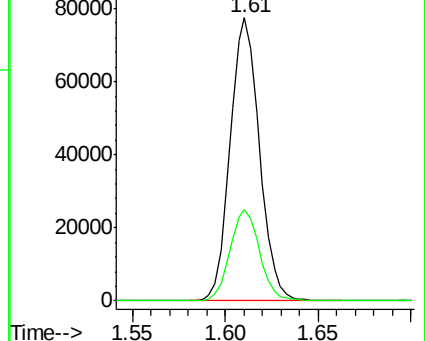
62 100

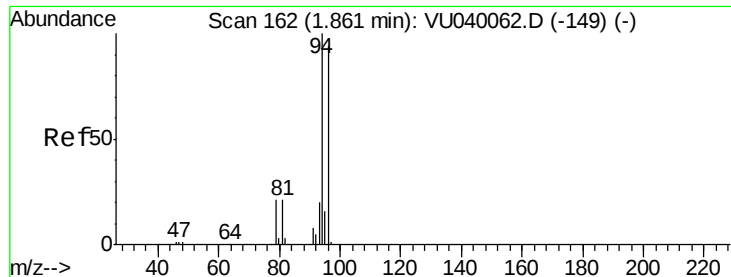
64 32.5 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 10.707 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

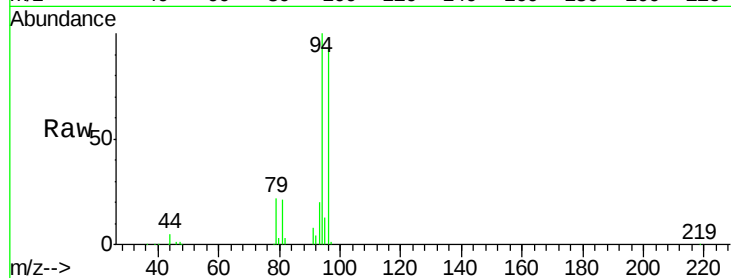
ICVVU090920

Tgt Ion: 94 Resp: 55897

Ion Ratio Lower Upper

94 100

96 93.2 75.4 113.2

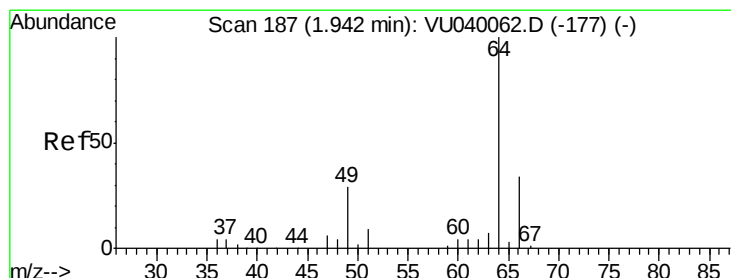
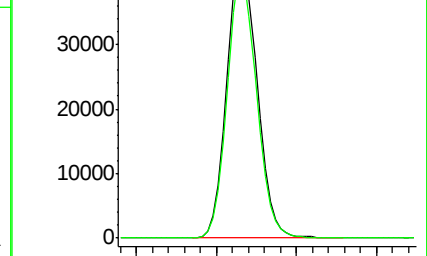
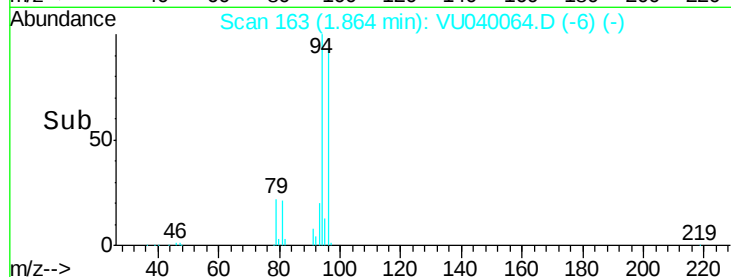


Abundance Ion 94.00 (93.70 to 94.70): VU040064.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040064.D (-149) (-)

1.86

Time-->



#6

Chloroethane

Concen: 9.461 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040064.D

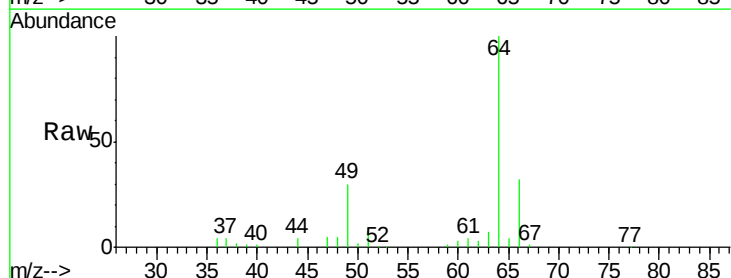
Acq: 09 Sep 2020 13:57

Tgt Ion: 64 Resp: 54103

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1

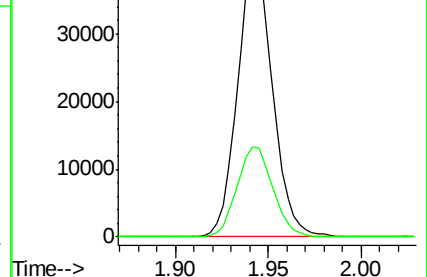
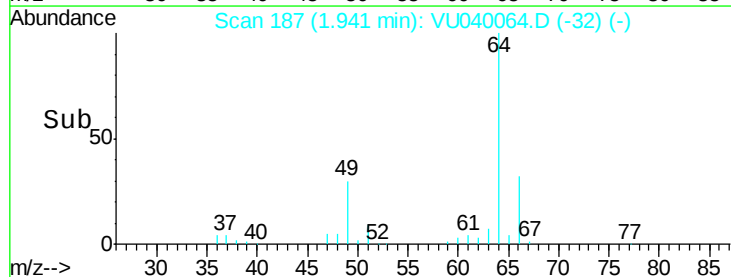


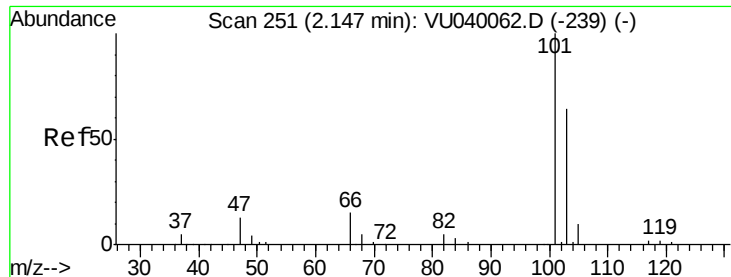
Abundance Ion 64.00 (63.70 to 64.70): VU040064.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040064.D (-177) (-)

1.94

Time-->



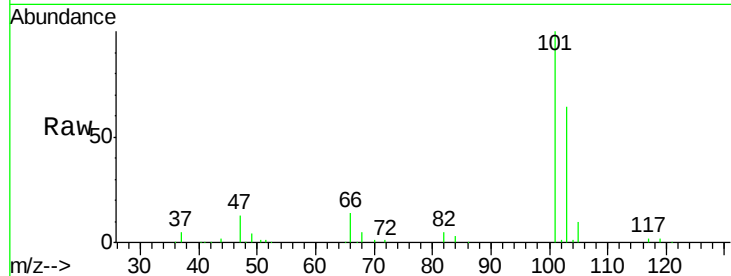


#7

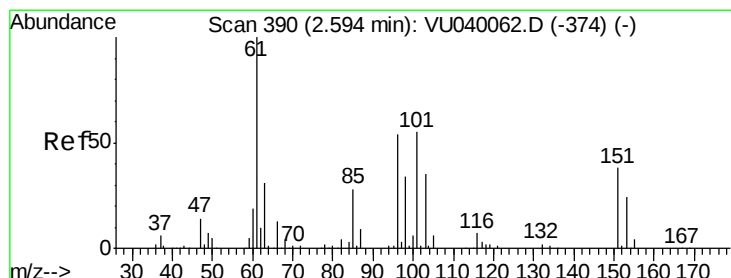
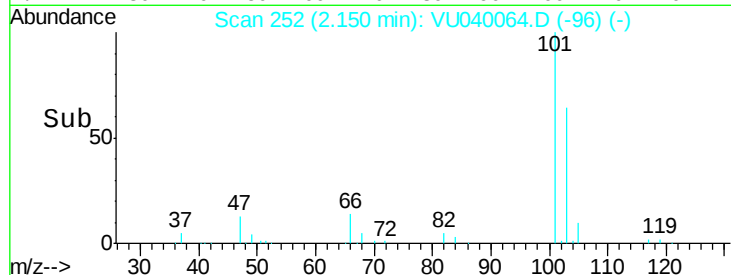
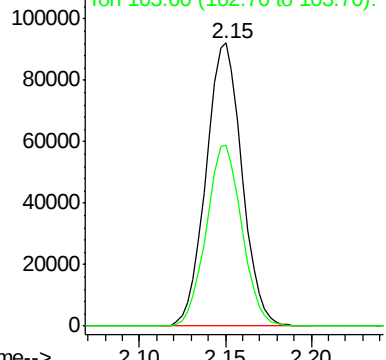
Trichlorofluoromethane
Concen: 10.245 ug/l
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tgt Ion:101 Resp: 133355
Ion Ratio Lower Upper
101 100
103 64.2 50.8 76.2



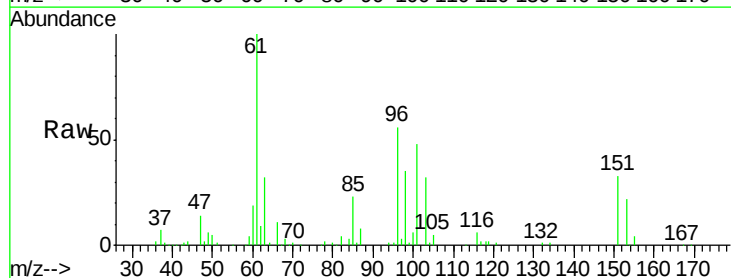
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



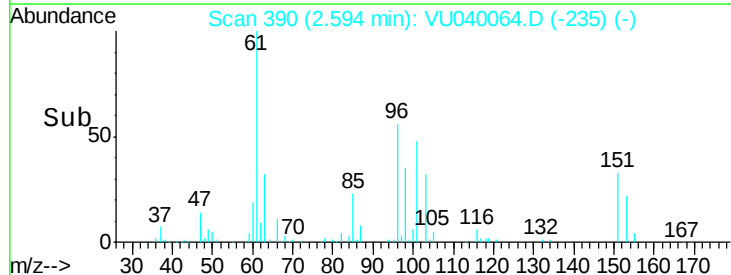
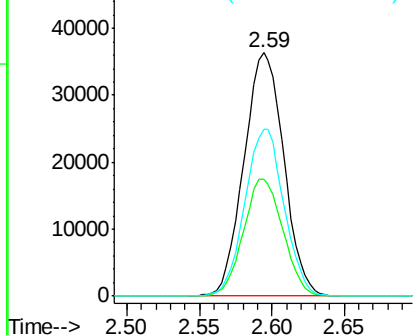
#8

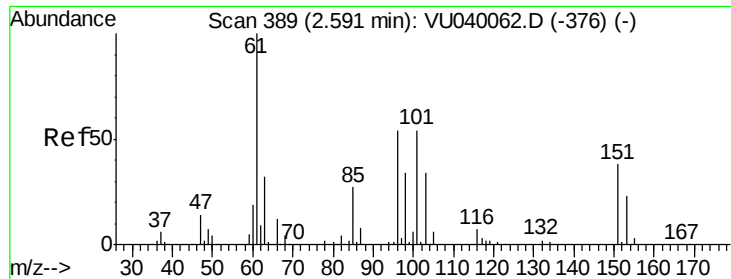
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.273 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:101 Resp: 69642
Ion Ratio Lower Upper
101 100
85 47.5 38.5 57.7
151 67.4 54.6 81.8



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 10.713 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

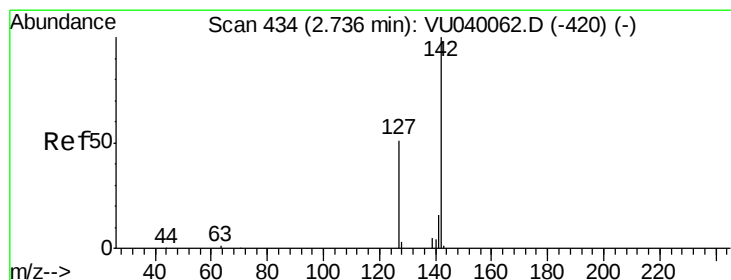
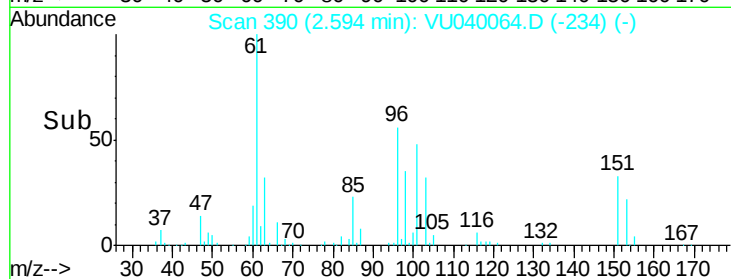
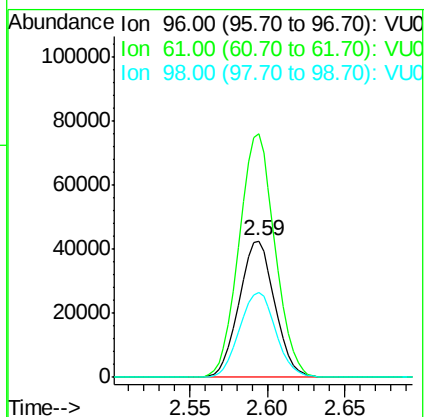
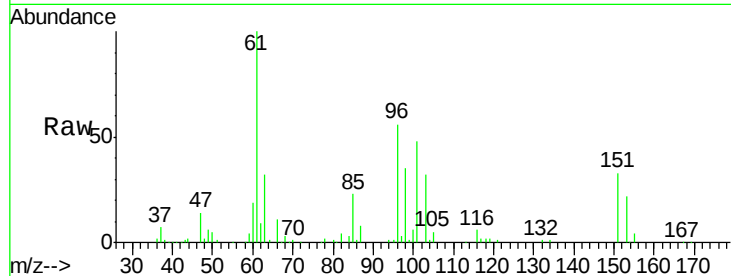
Tgt Ion: 96 Resp: 68029

Ion Ratio Lower Upper

96 100

61 178.1 0.0 557.1

98 62.2 0.0 125.6



#10

Iodomethane

Concen: 10.626 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040064.D

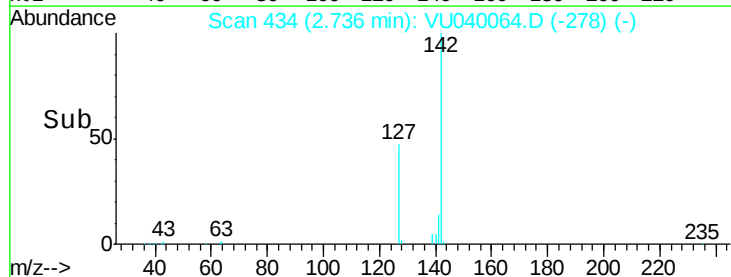
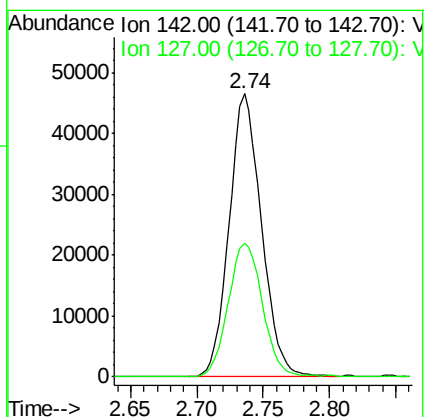
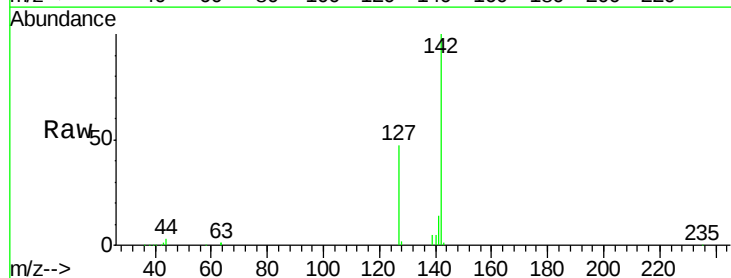
Acq: 09 Sep 2020 13:57

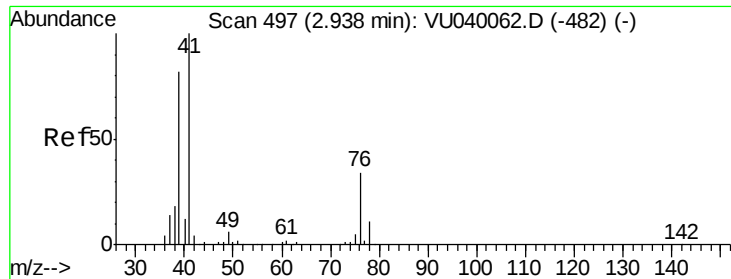
Tgt Ion: 142 Resp: 79093

Ion Ratio Lower Upper

142 100

127 49.9 41.4 62.0

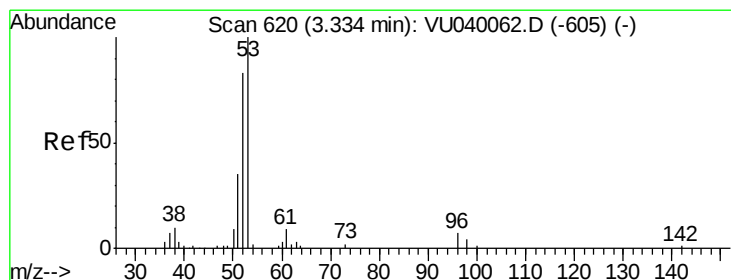
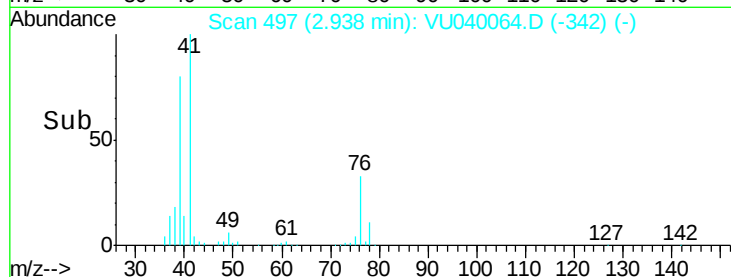
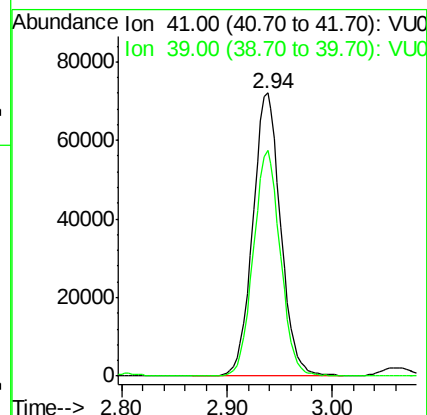
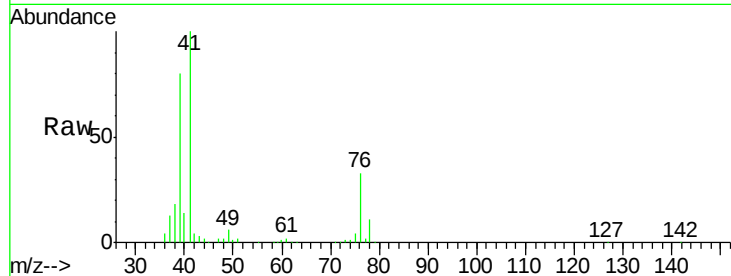




#11
 Allyl Chloride
 Concen: 10.609 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

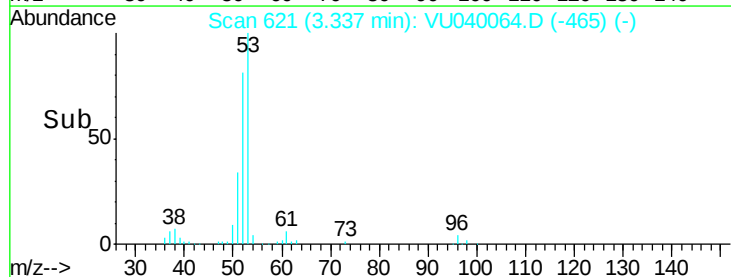
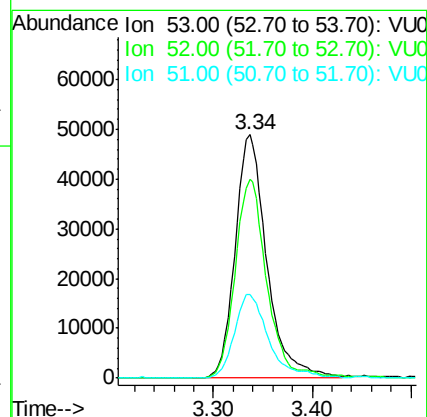
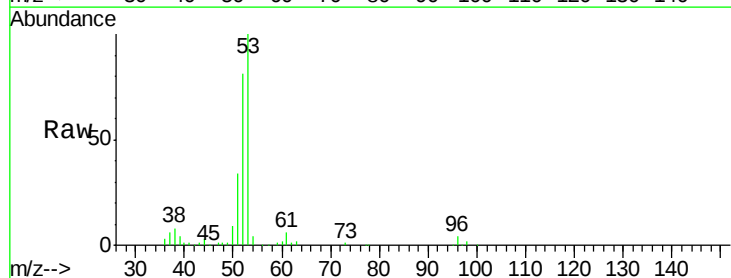
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

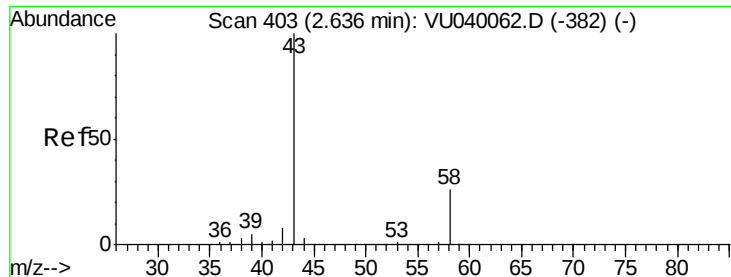
Tgt Ion: 41 Resp: 133067
 Ion Ratio Lower Upper
 41 100
 39 77.2 64.6 96.8



#12
 Acrylonitrile
 Concen: 49.613 ug/l
 RT: 3.34 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 53 Resp: 109527
 Ion Ratio Lower Upper
 53 100
 52 81.2 64.0 96.0
 51 37.3 28.2 42.2





#13

Acetone

Concen: 58.347 ug/l

RT: 2.65 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

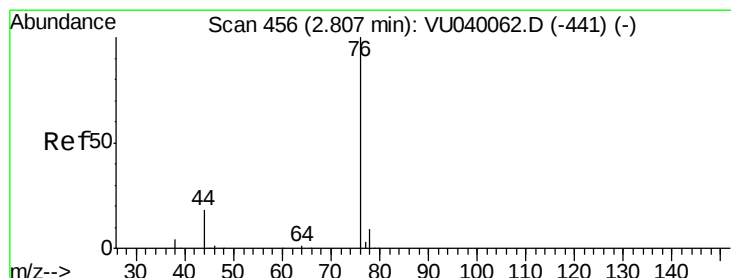
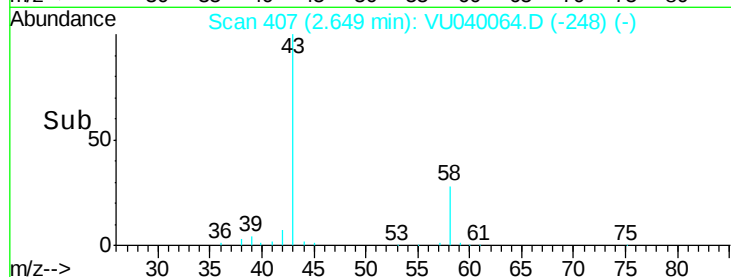
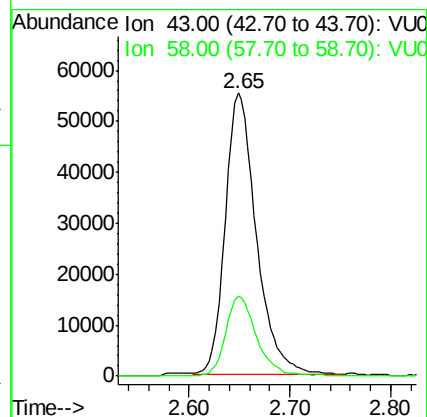
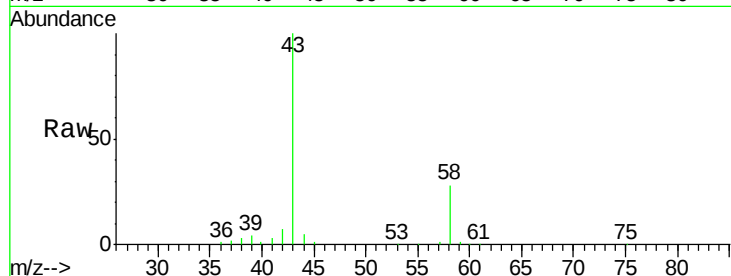
ICVVU090920

Tgt Ion: 43 Resp: 118063

Ion Ratio Lower Upper

43 100

58 28.4 20.6 31.0



#14

Carbon Disulfide

Concen: 11.879 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040064.D

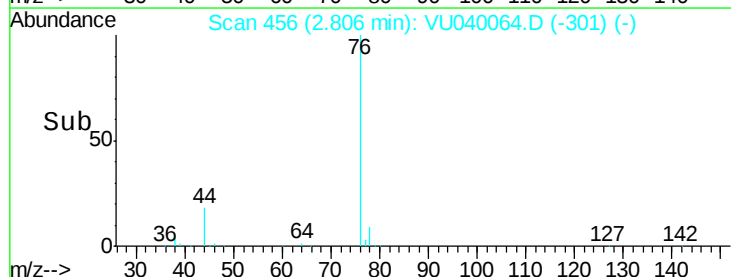
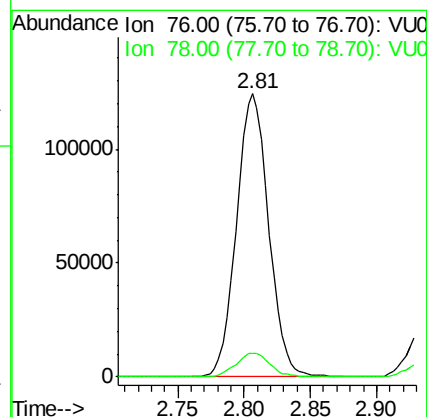
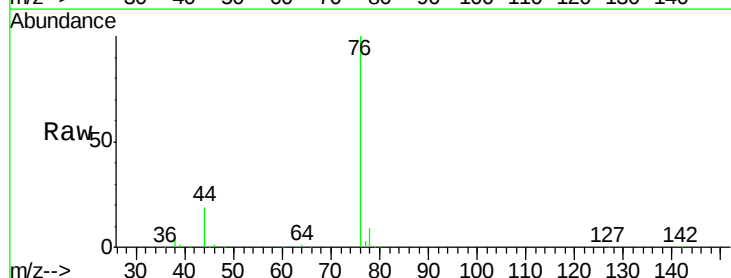
Acq: 09 Sep 2020 13:57

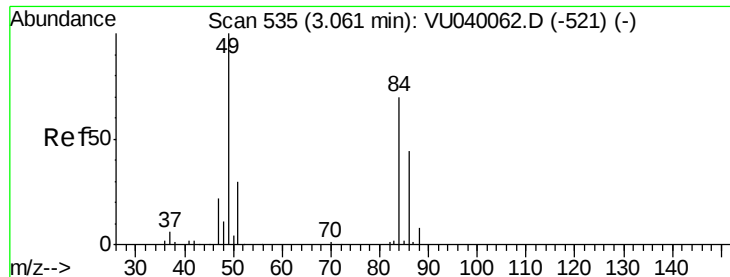
Tgt Ion: 76 Resp: 209484

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

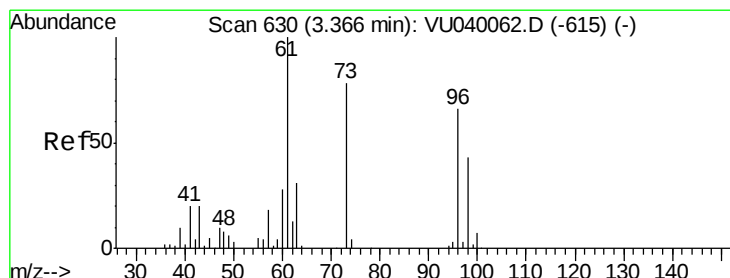
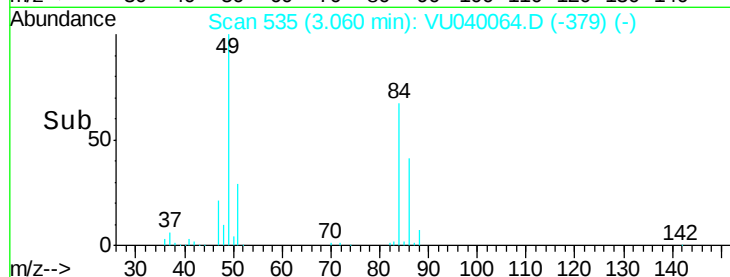
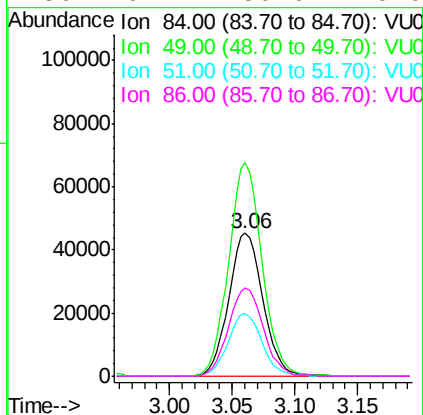
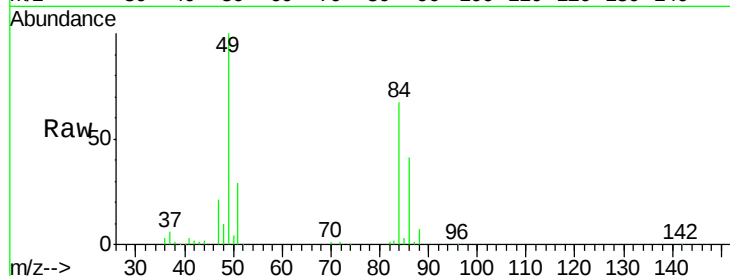




#15
Methylene Chloride
Concen: 11.225 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

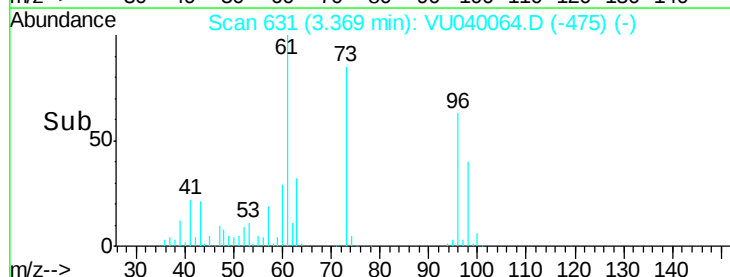
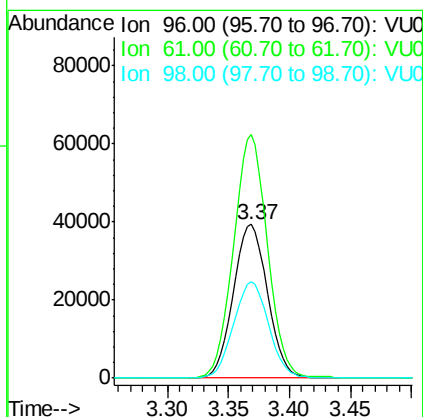
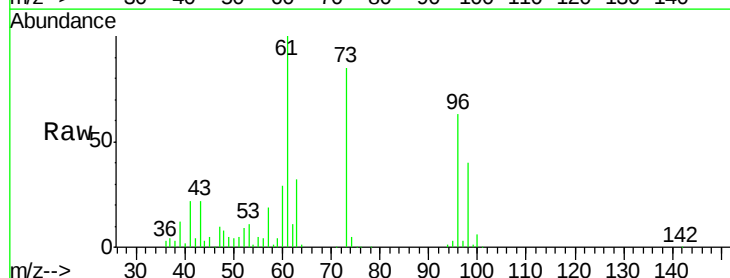
Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

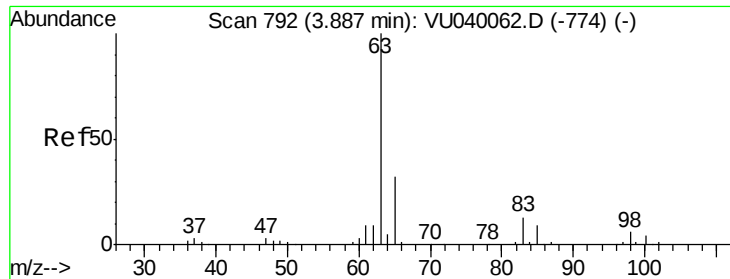
Tgt Ion:	84	Resp:	85929
Ion	Ratio	Lower	Upper
84	100		
49	149.4	114.3	171.5
51	43.7	0.0	84.6
86	61.4	50.6	76.0



#16
trans-1,2-Dichloroethene
Concen: 11.124 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:	96	Resp:	76698
Ion	Ratio	Lower	Upper
96	100		
61	158.1	121.4	182.0
98	62.7	51.9	77.9

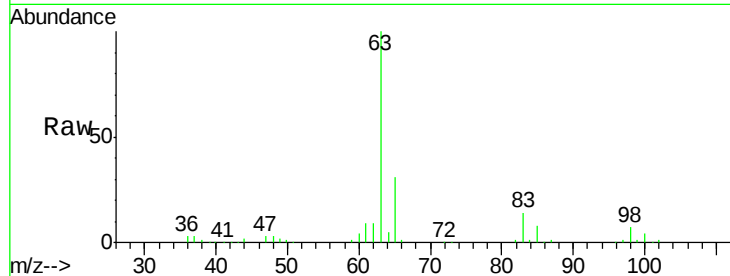




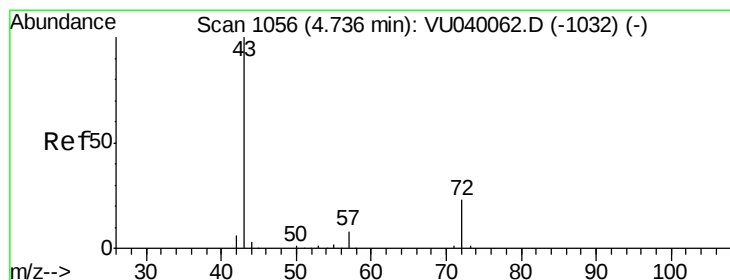
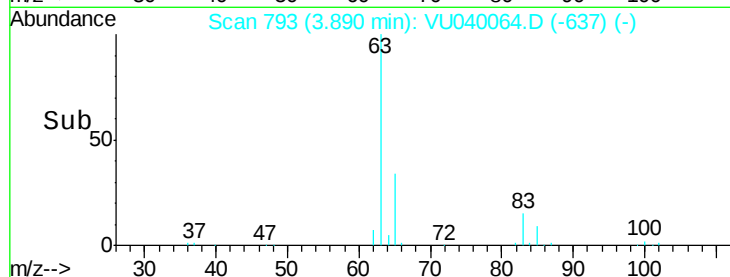
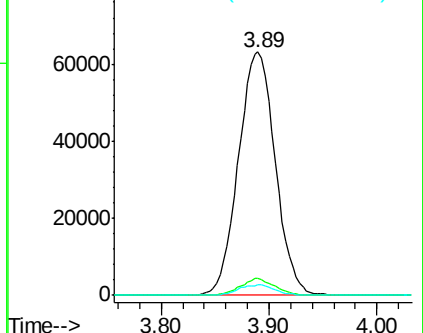
#17
 1,1-Dichloroethane
 Concen: 9.979 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Tgt Ion: 63 Resp: 150119
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.3 2.0 5.8

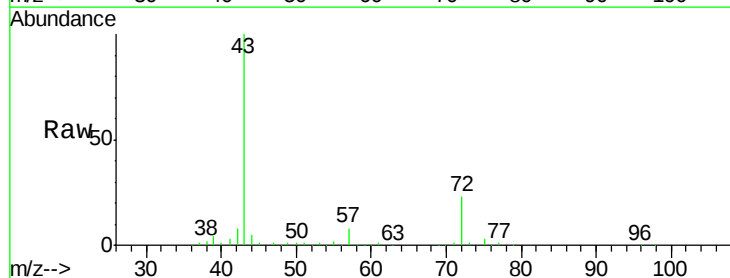


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

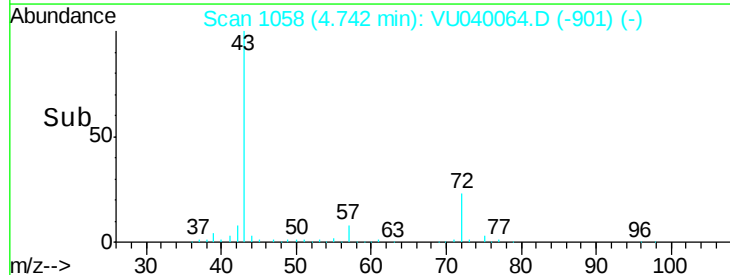
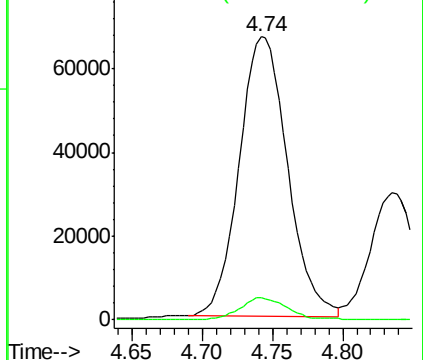


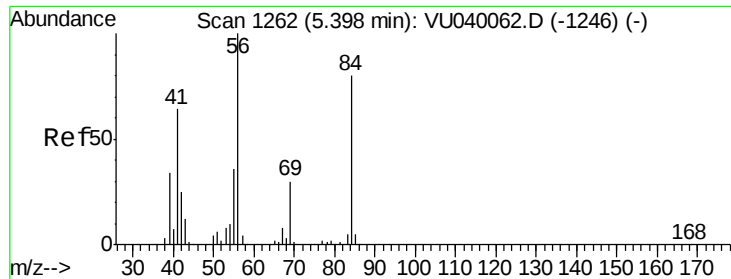
#18
 2-Butanone
 Concen: 51.801 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 43 Resp: 159866
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 15.2



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

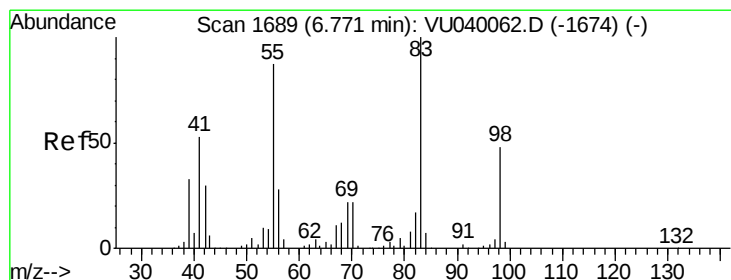
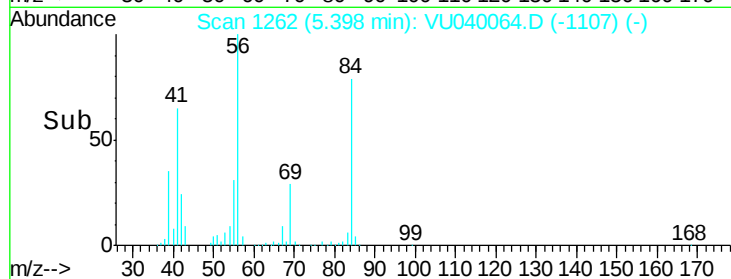
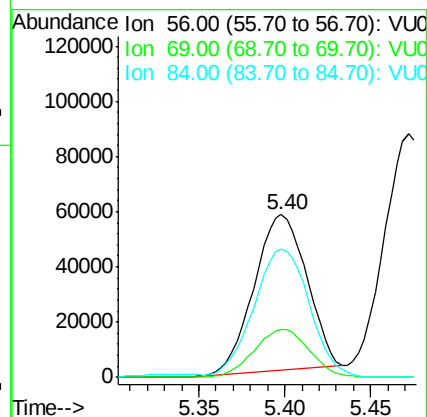
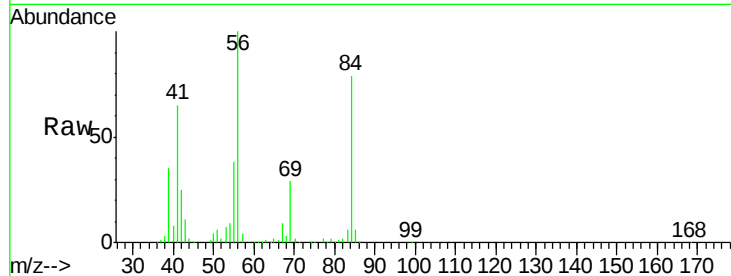




#19
Cyclohexane
Concen: 9.557 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

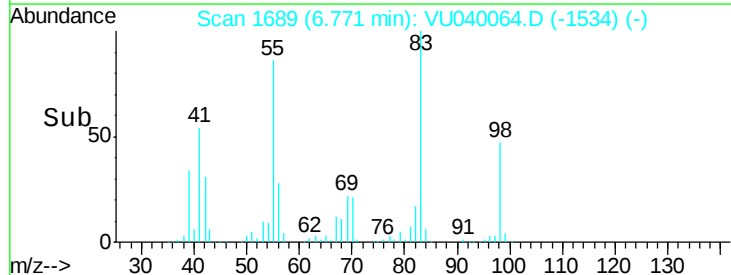
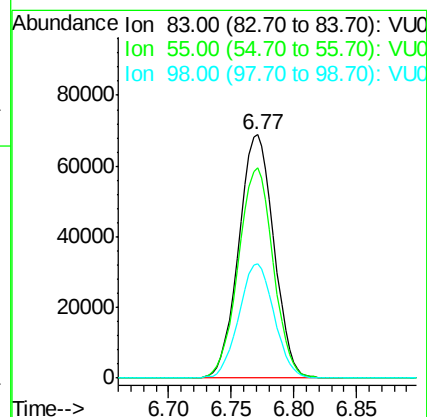
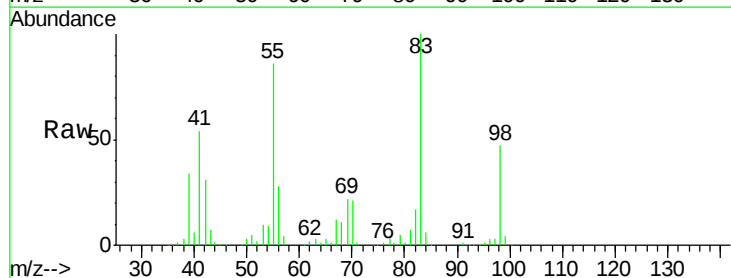
Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

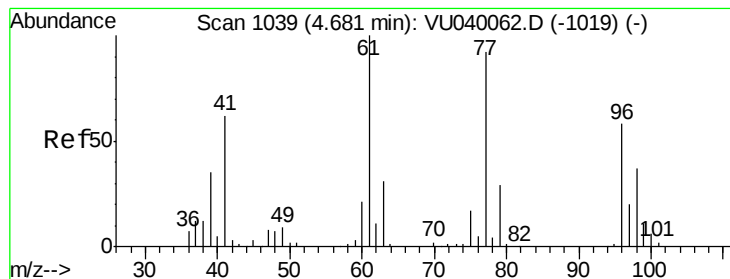
Tgt Ion: 56 Resp: 119413
Ion Ratio Lower Upper
56 100
69 32.7 23.5 35.3
84 85.3 63.8 95.6



#20
Methylcyclohexane
Concen: 11.578 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 83 Resp: 134086
Ion Ratio Lower Upper
83 100
55 85.6 69.4 104.2
98 47.1 37.5 56.3





#21

2,2-Dichloropropane

Concen: 9.307 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

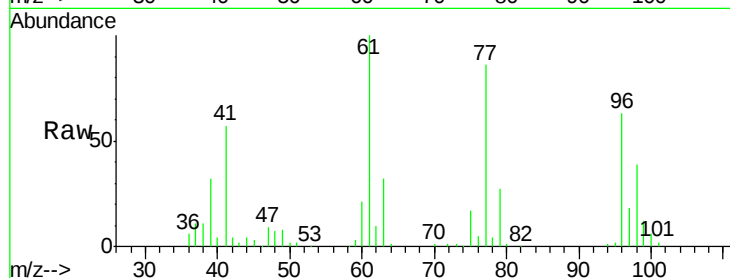
ICVVU090920

Tgt Ion: 77 Resp: 132943

Ion Ratio Lower Upper

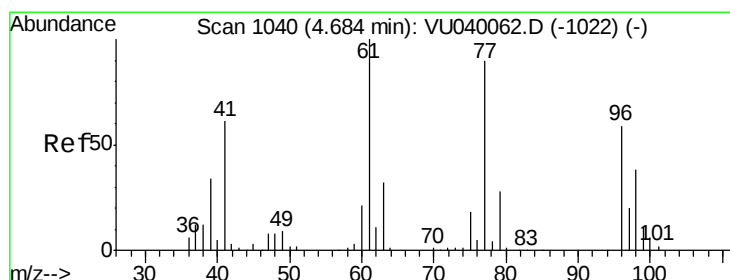
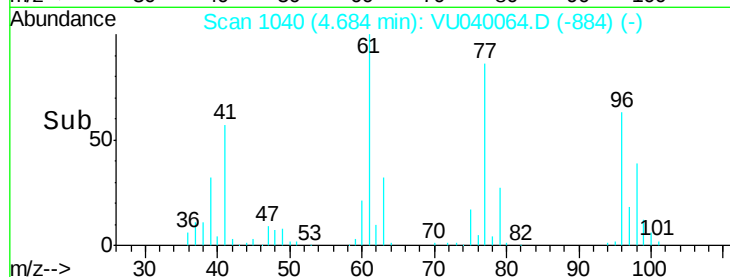
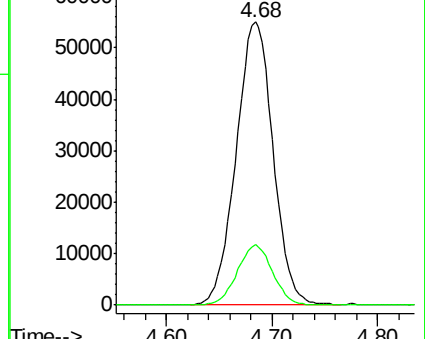
77 100

97 20.4 16.4 24.6



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.921 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

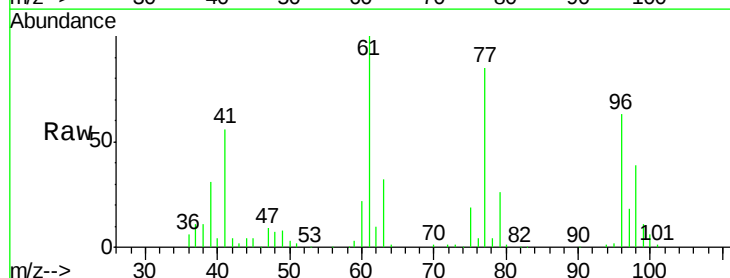
Tgt Ion: 96 Resp: 87697

Ion Ratio Lower Upper

96 100

61 165.6 0.0 420.0

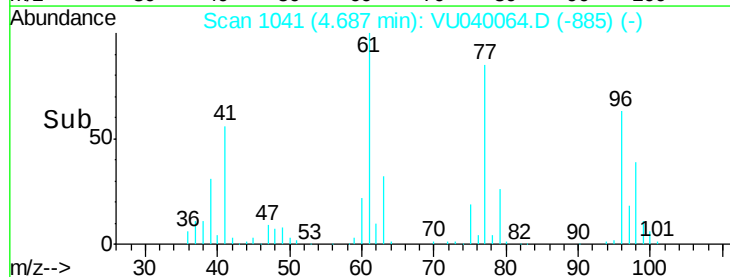
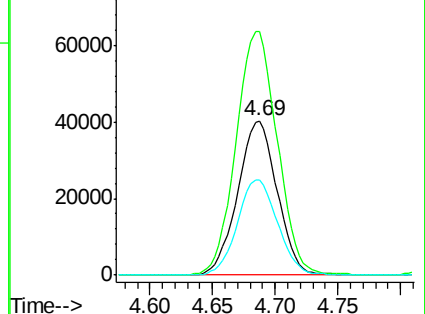
98 63.1 31.8 95.3

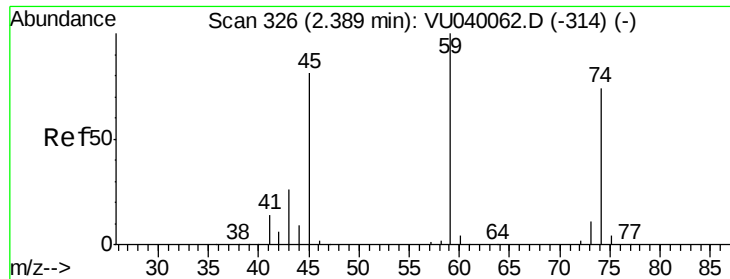


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 9.665 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

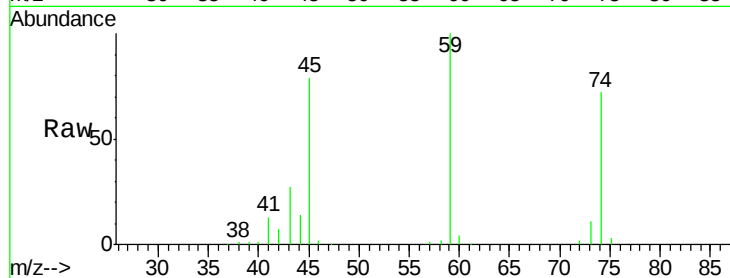
Tgt Ion: 59 Resp: 58152

Ion Ratio Lower Upper

59 100

45 78.4 62.4 93.6

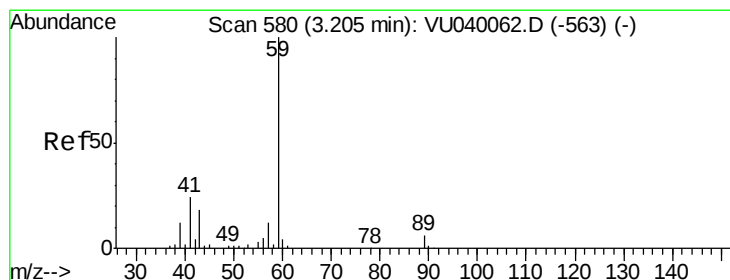
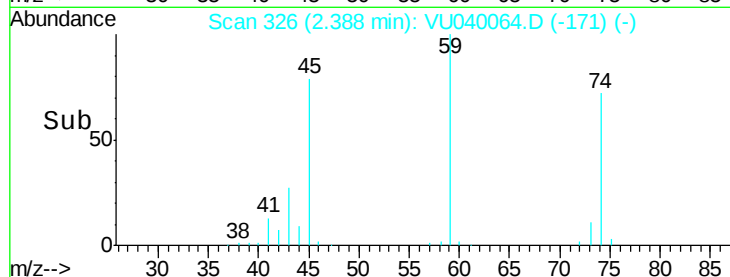
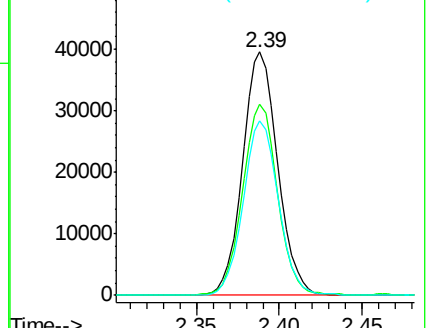
74 71.8 57.7 86.5



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 48.219 ug/l

RT: 3.24 min Scan# 591

Delta R.T. 0.04 min

Lab File: VU040064.D

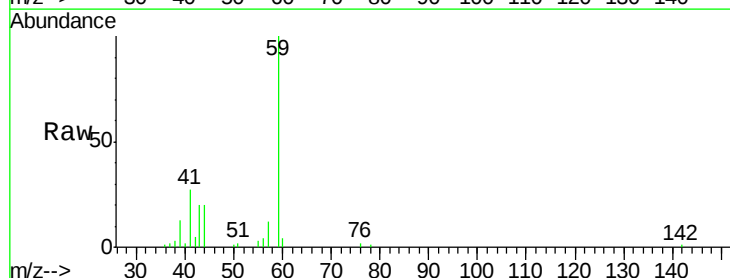
Acq: 09 Sep 2020 13:57

Tgt Ion: 59 Resp: 39045

Ion Ratio Lower Upper

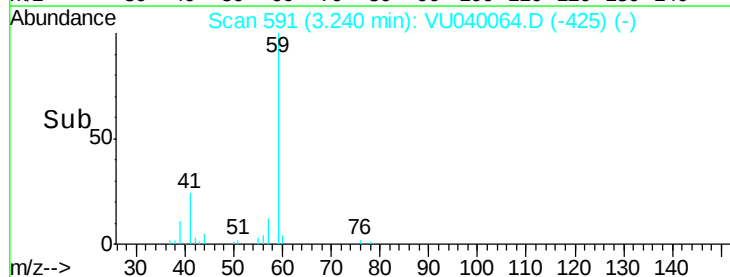
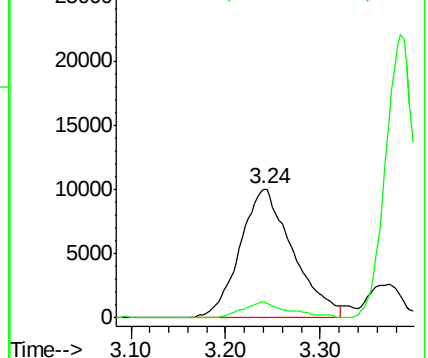
59 100

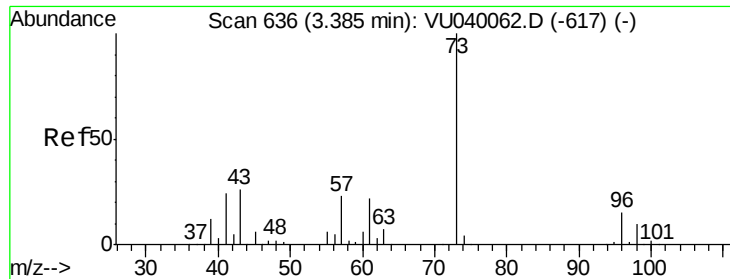
57 10.4 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 10.142 ug/l

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

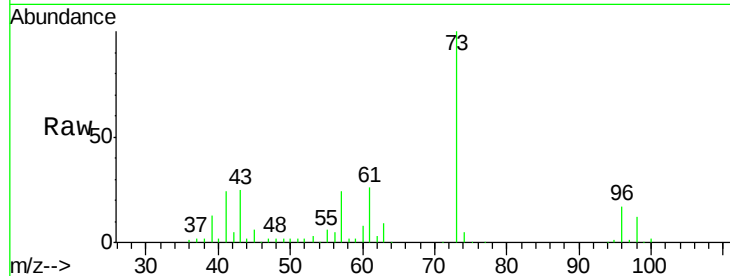
ICVVU090920

Tgt Ion: 73 Resp: 214786

Ion Ratio Lower Upper

73 100

43 25.0 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU040062.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU040062.D (-617) (-)

3.39

100000

80000

60000

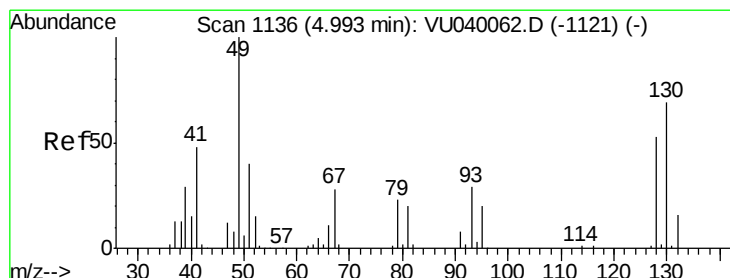
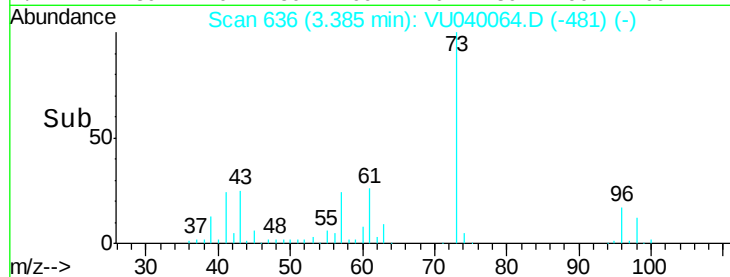
40000

20000

0

3.30 3.35 3.40 3.45

Time-->



#26

Bromochloromethane

Concen: 9.734 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

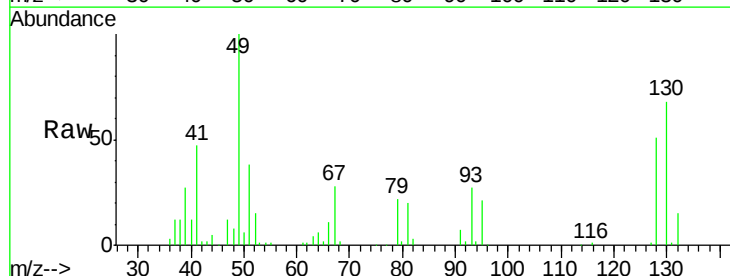
Tgt Ion: 128 Resp: 33955

Ion Ratio Lower Upper

128 100

49 198.1 0.0 390.6

130 130.5 104.9 157.3



Abundance Ion 128.00 (127.70 to 128.70): VU040062.D (-1121) (-)

Ion 49.00 (48.70 to 49.70): VU040062.D (-1121) (-)

Ion 130.00 (129.70 to 130.70): VU040062.D (-1121) (-)

4.99

40000

30000

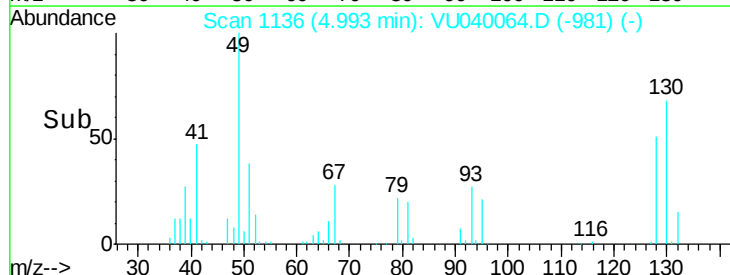
20000

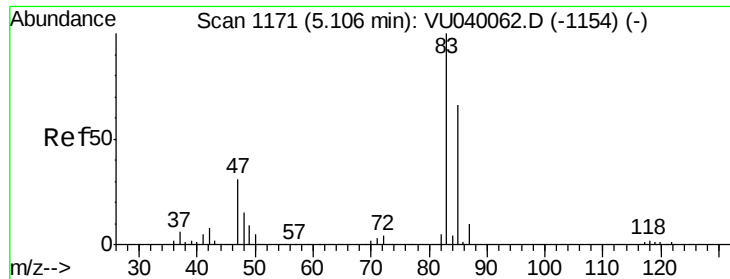
10000

0

4.90 4.95 5.00 5.05

Time-->

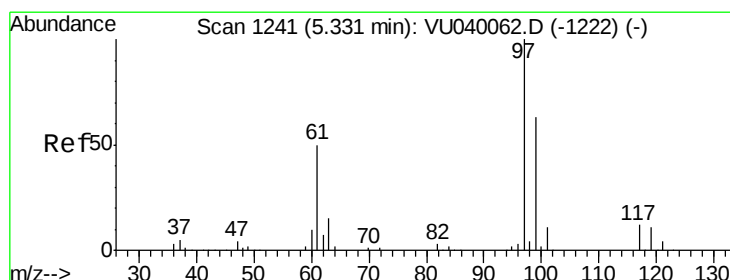
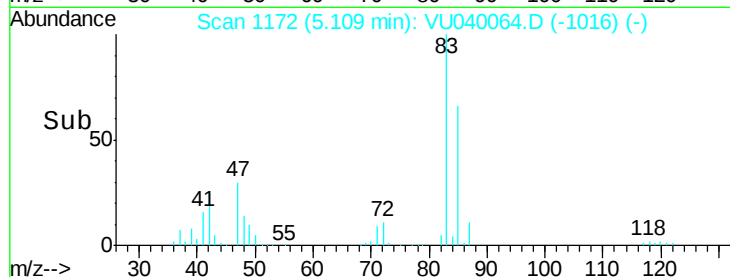
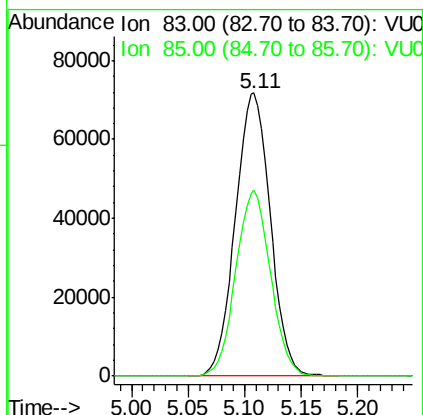
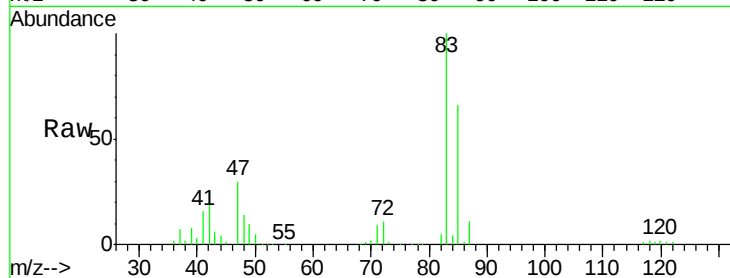




#27
Chloroform
Concen: 10.142 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

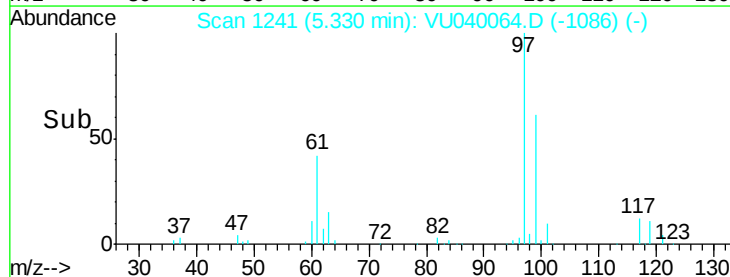
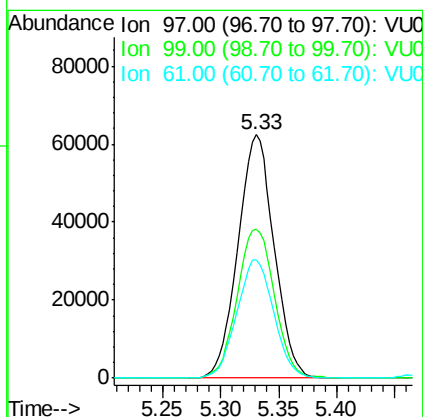
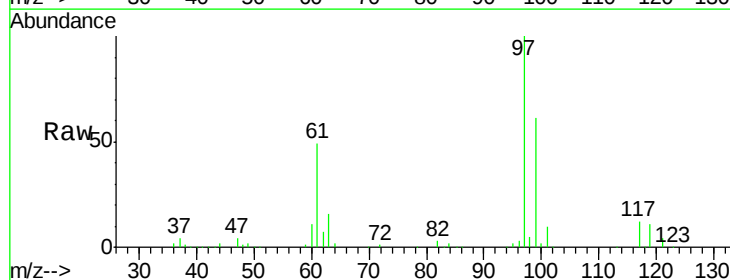
Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

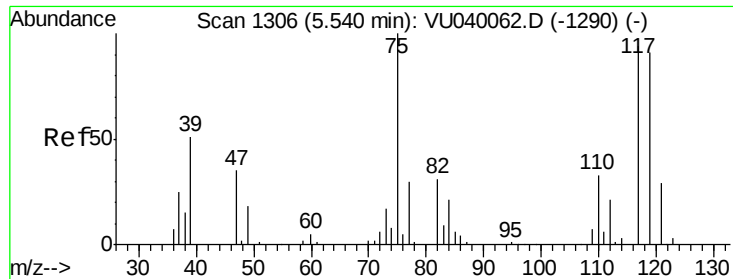
Tgt Ion: 83 Resp: 154888
Ion Ratio Lower Upper
83 100
85 65.6 0.0 132.4



#28
1,1,1-Trichloroethane
Concen: 10.189 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 97 Resp: 135321
Ion Ratio Lower Upper
97 100
99 63.4 31.8 95.4
61 49.6 25.1 75.2

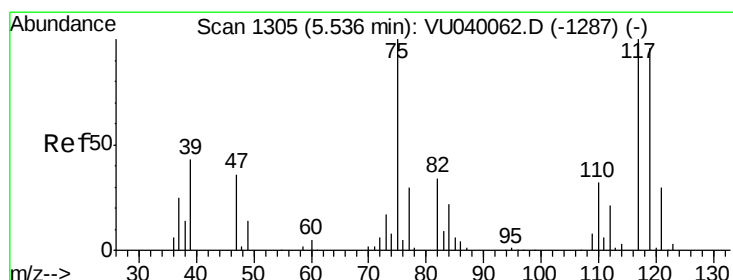
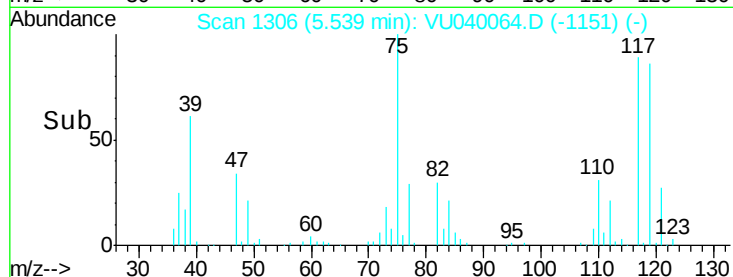
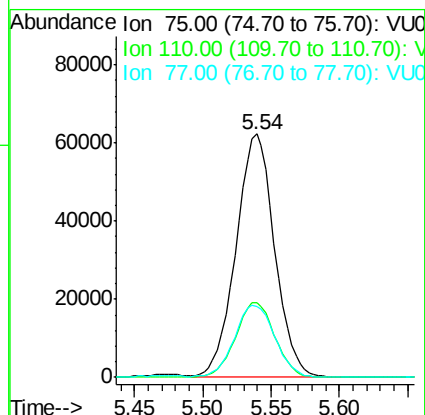
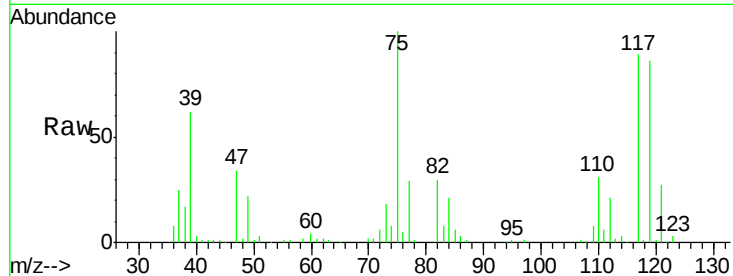




#29
 1,1-Dichloropropene
 Concen: 10.777 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

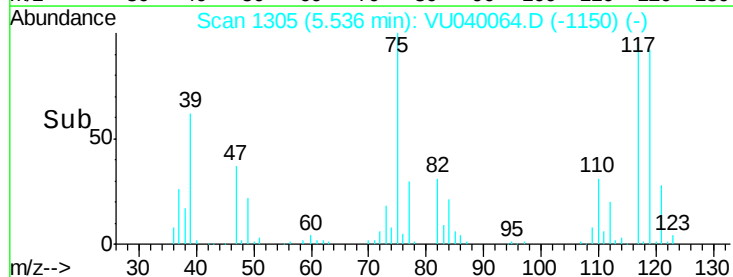
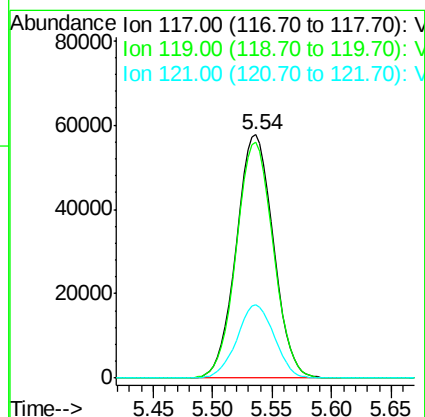
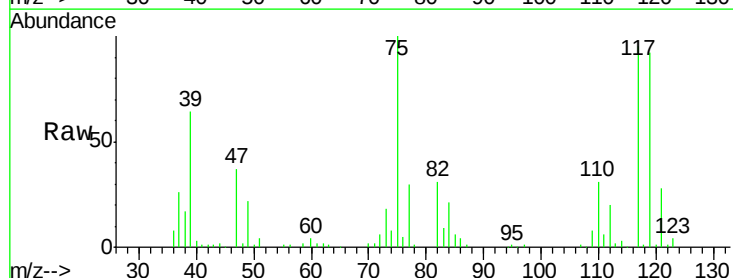
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

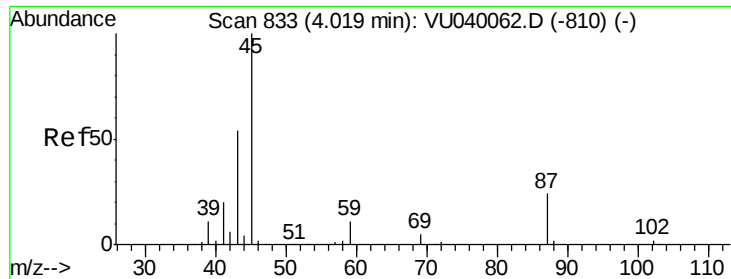
Tgt Ion: 75 Resp: 121793
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.2 48.6
 77 30.7 25.3 37.9



#30
 Carbon Tetrachloride
 Concen: 10.352 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 117 Resp: 124721
 Ion Ratio Lower Upper
 117 100
 119 96.8 77.0 115.4
 121 30.0 24.2 36.4





#31

Isopropyl Ether

Concen: 10.573 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

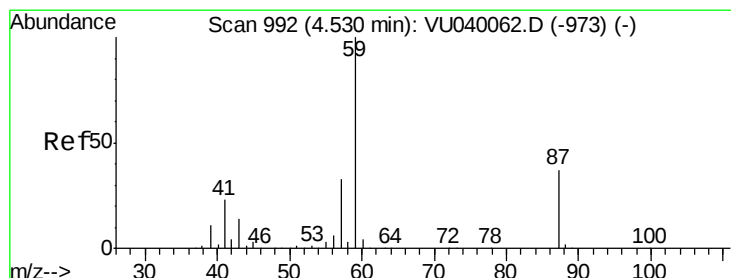
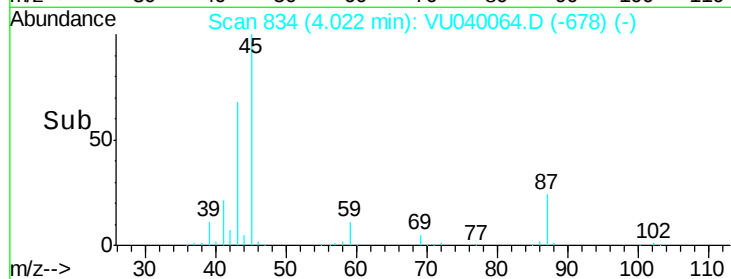
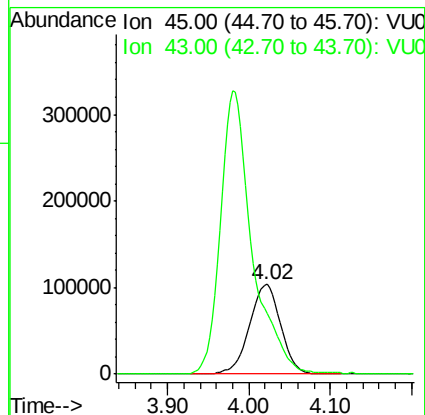
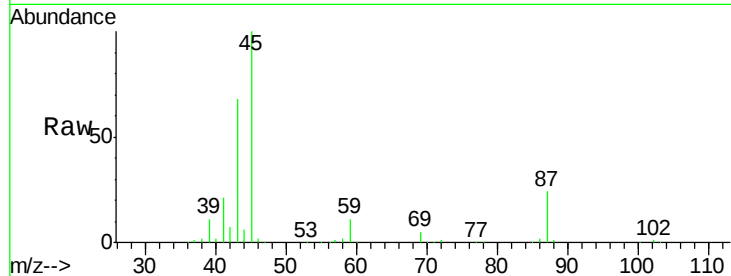
ICVVU090920

Tgt Ion: 45 Resp: 273843

Ion Ratio Lower Upper

45 100

43 326.0 27.9 83.7#



#32

Ethyl-t-butyl ether

Concen: 0.192 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.15 min

Lab File: VU040064.D

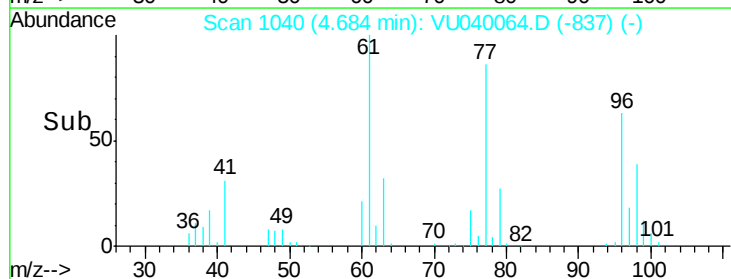
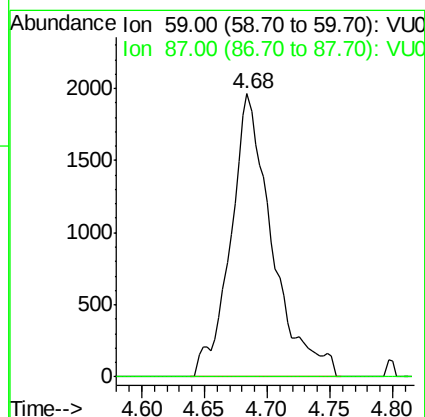
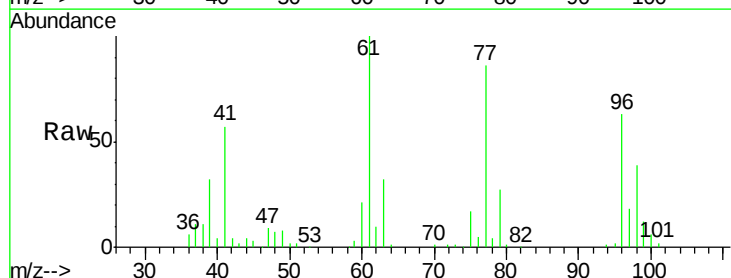
Acq: 09 Sep 2020 13:57

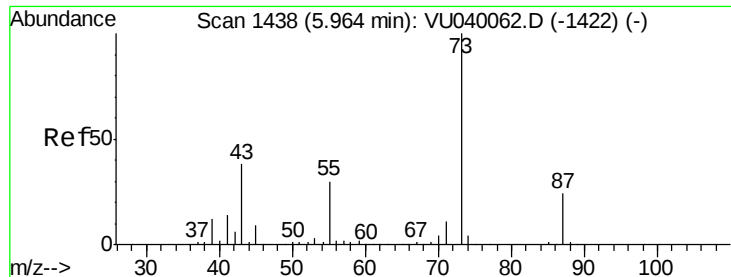
Tgt Ion: 59 Resp: 4503

Ion Ratio Lower Upper

59 100

87 0.0 30.7 46.1#

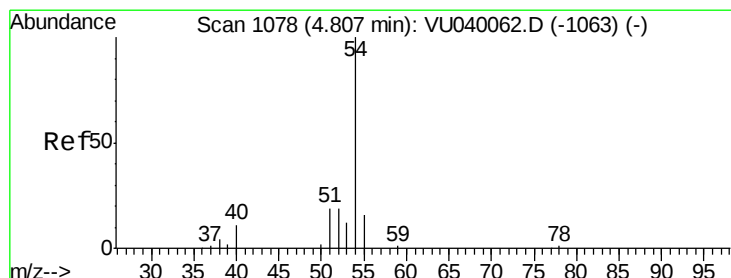
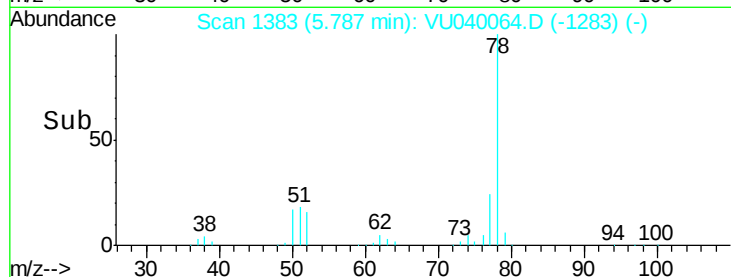
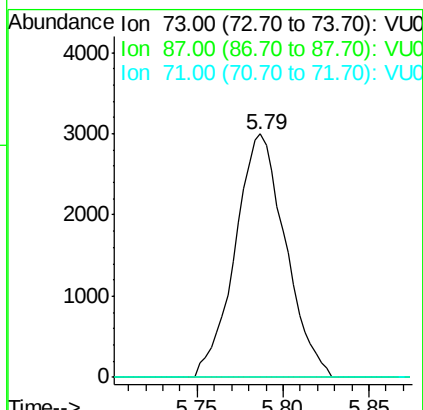
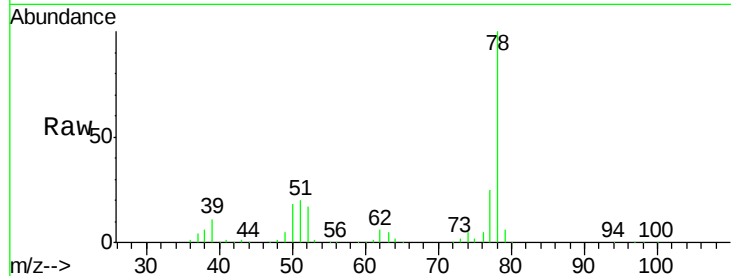




#33
 Tert-Amyl methyl ether
 Concen: 0.295 ug/l
 RT: 5.79 min Scan# 1383
 Delta R.T. -0.18 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

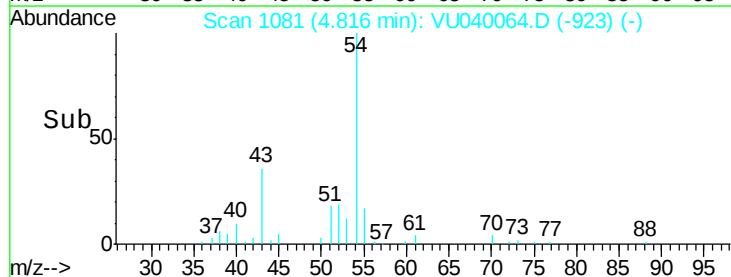
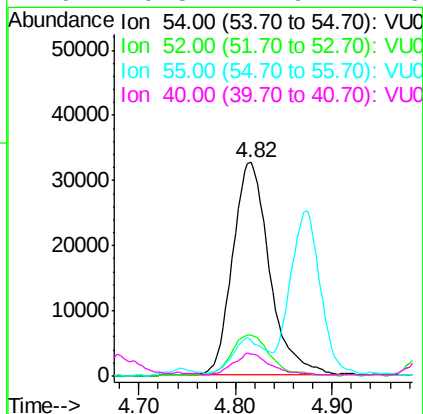
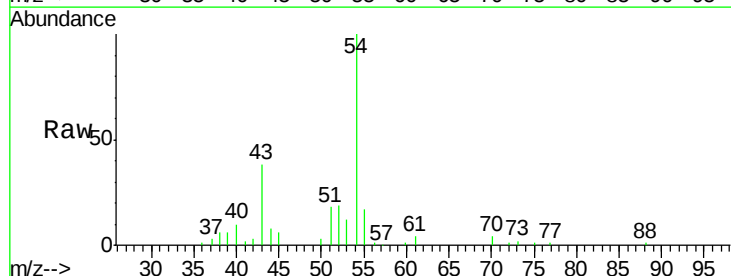
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

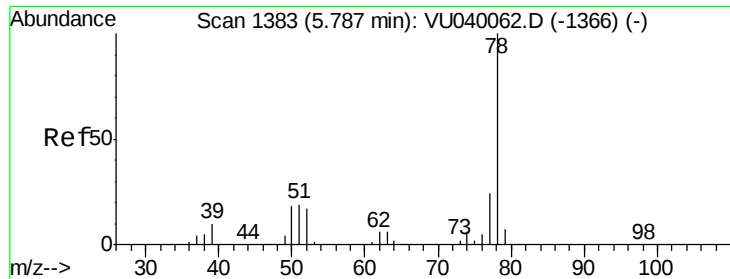
Tgt Ion: 73 Resp: 6102
 Ion Ratio Lower Upper
 73 100
 87 258.5 19.4 29.0#
 71 0.0 9.2 13.8#



#34
 Propionitrile
 Concen: 110.788 ug/l
 RT: 4.82 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 54 Resp: 86566
 Ion Ratio Lower Upper
 54 100
 52 20.8 16.2 24.4
 55 15.2 12.6 18.8
 40 9.8 7.9 11.9





#35

Benzene

Concen: 10.874 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

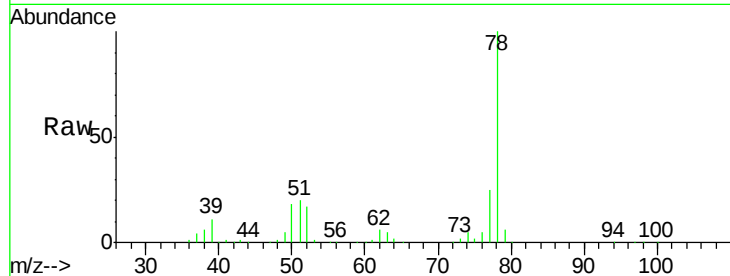
ICVVU090920

Tgt Ion: 78 Resp: 340287

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040062.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-1366) (-)

5.79

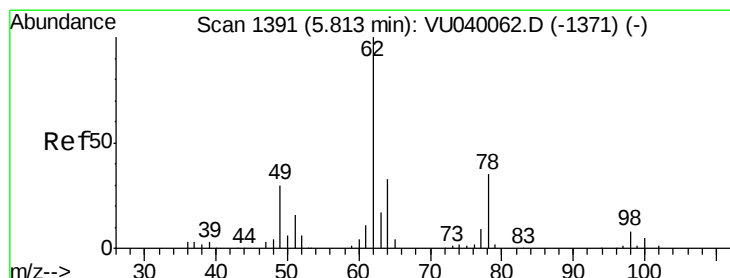
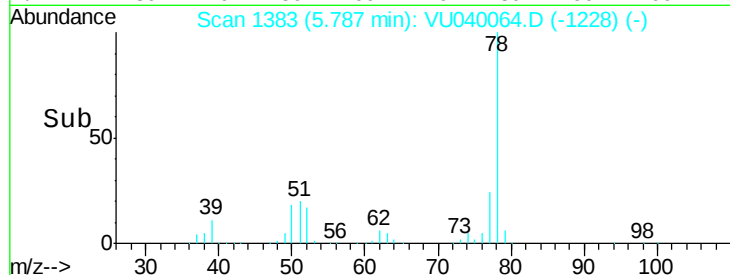
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.581 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040064.D

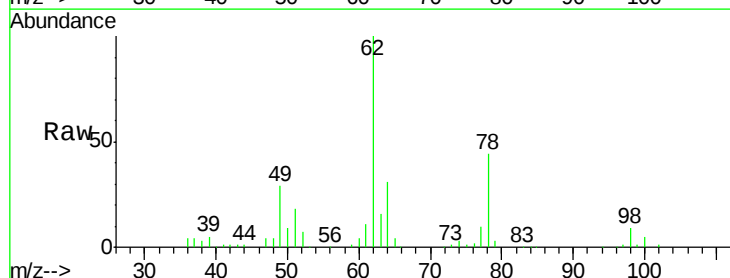
Acq: 09 Sep 2020 13:57

Tgt Ion: 62 Resp: 128817

Ion Ratio Lower Upper

62 100

98 8.0 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040062.D (-1371) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-1371) (-)

5.81

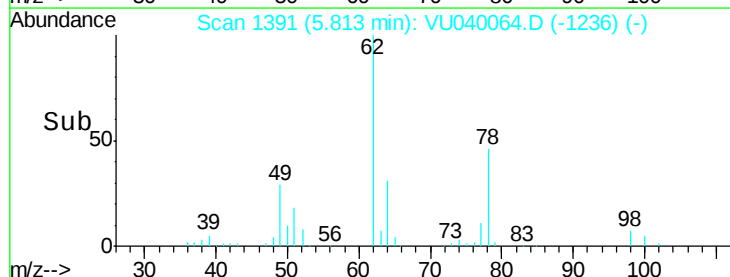
60000

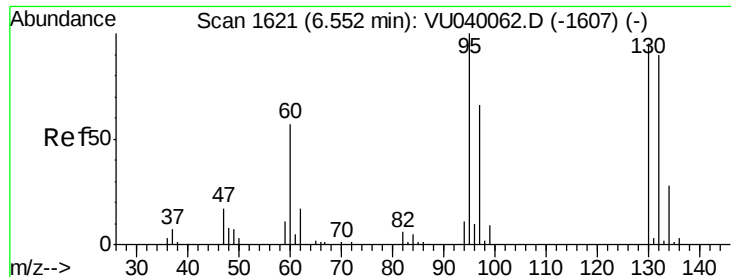
40000

20000

0

Time-->





#37

Trichloroethene

Concen: 10.648 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

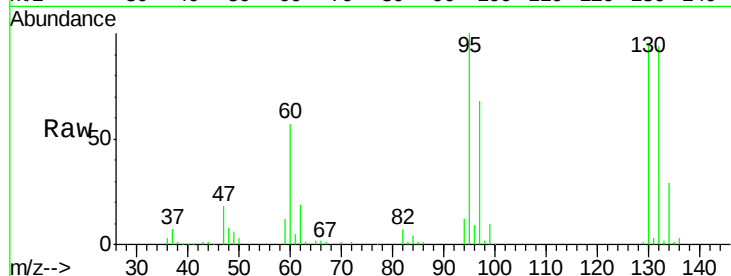
ICVVU090920

Tgt Ion:130 Resp: 84722

Ion Ratio Lower Upper

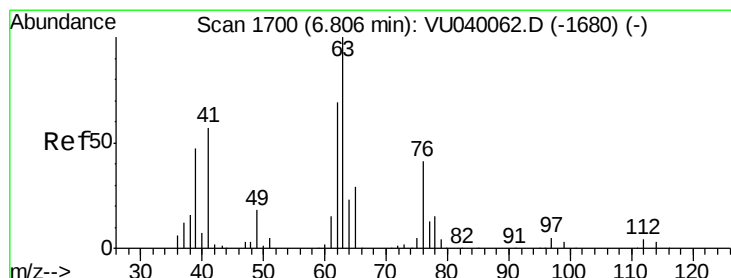
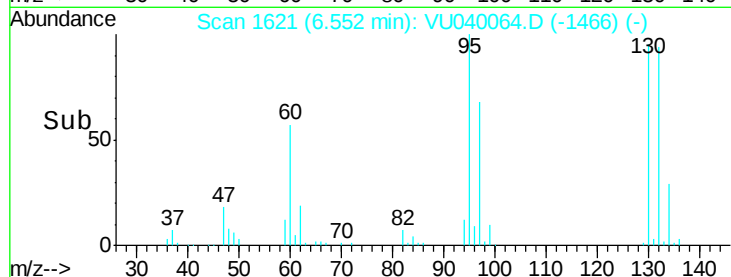
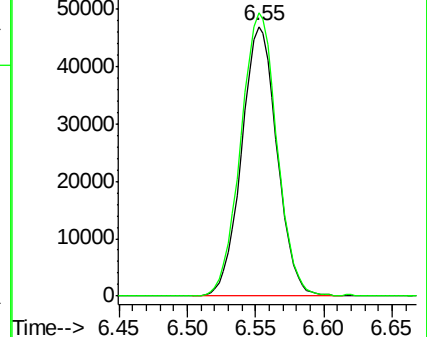
130 100

95 104.9 84.2 126.2



Abundance Ion 129.90 (129.60 to 130.60): VU040062.D (-1607) (-)

Ion 94.90 (94.60 to 95.60): VU040062.D (-1607) (-)



#38

1,2-Dichloropropane

Concen: 10.388 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU040064.D

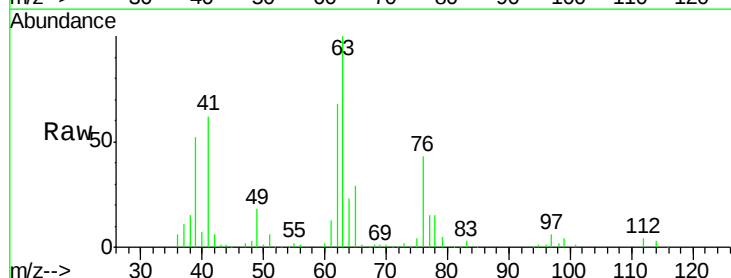
Acq: 09 Sep 2020 13:57

Tgt Ion: 63 Resp: 94122

Ion Ratio Lower Upper

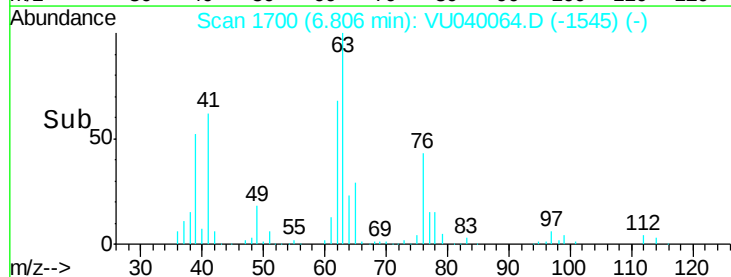
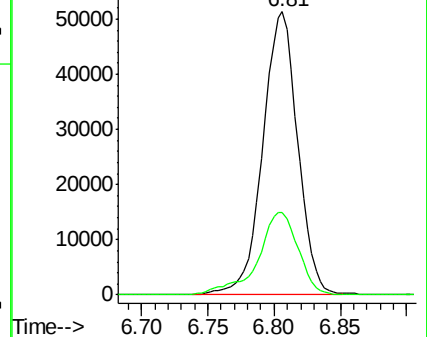
63 100

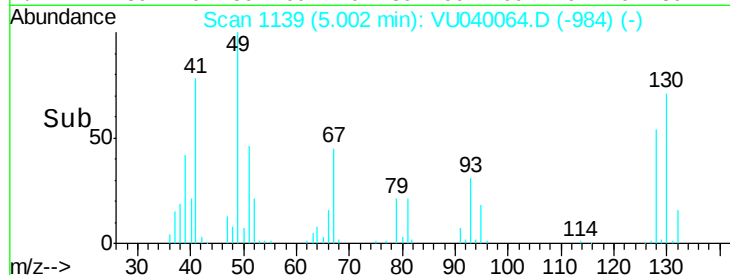
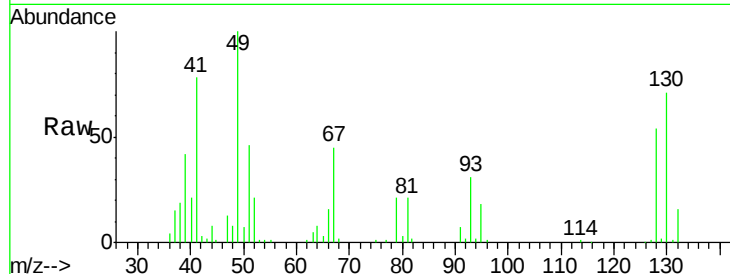
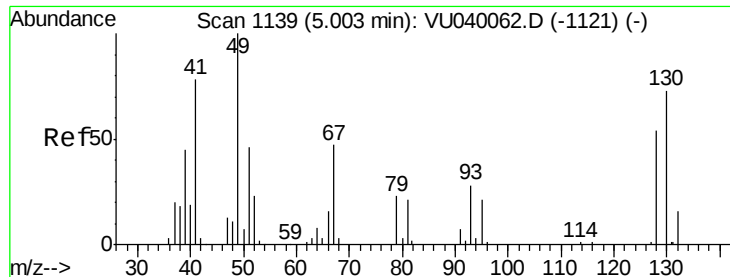
65 28.9 23.0 34.6



Abundance Ion 63.00 (62.70 to 63.70): VU040062.D (-1680) (-)

Ion 65.00 (64.70 to 65.70): VU040062.D (-1680) (-)





#39

Methacrylonitrile

Concen: 9.272 ug/l

RT: 5.00 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tgt Ion: 41 Resp: 38759

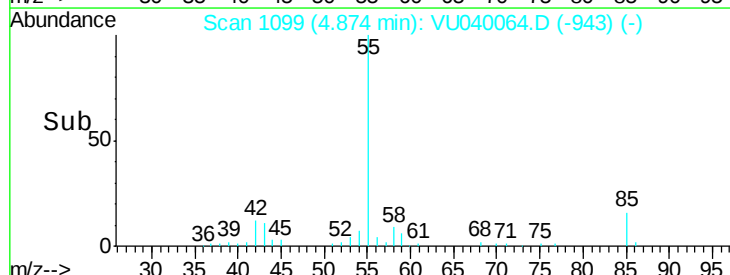
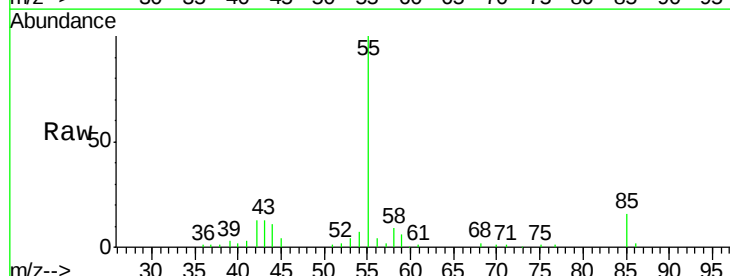
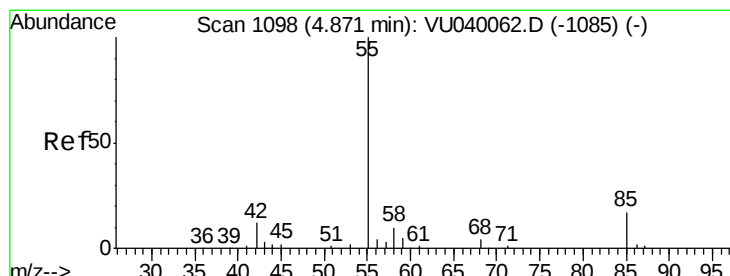
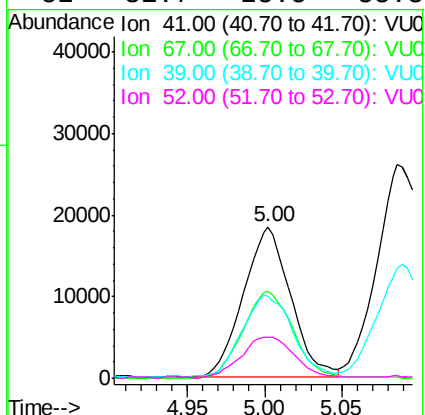
Ion Ratio Lower Upper

41 100

67 62.5 49.2 73.8

39 57.4 46.5 69.7

52 31.7 25.5 38.3



#40

Methyl acrylate

Concen: 10.079 ug/l

RT: 4.87 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion: 55 Resp: 54034

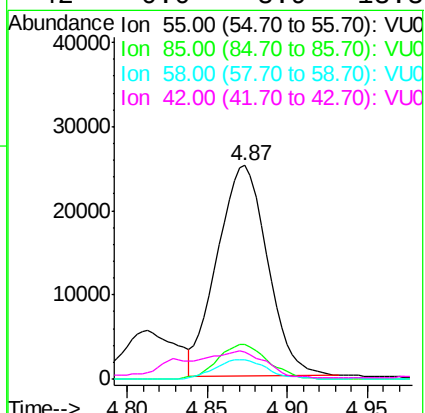
Ion Ratio Lower Upper

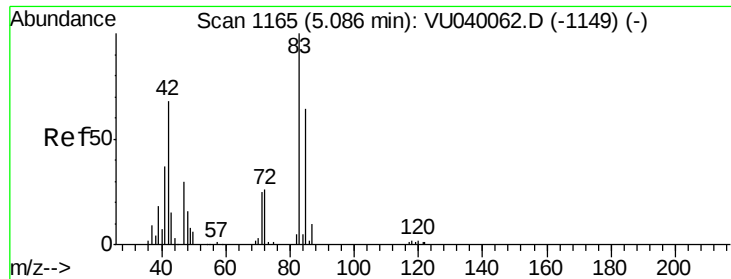
55 100

85 16.4 13.3 19.9

58 9.4 7.5 11.3

42 0.0 8.9 13.3#





#41

Tetrahydrofuran

Concen: 48.994 ug/l

RT: 5.09 min Scan# 1166

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

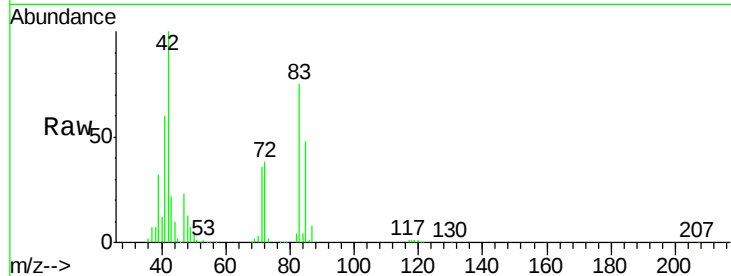
Tgt Ion: 42 Resp: 98405

Ion Ratio Lower Upper

42 100

72 39.8 33.8 50.6

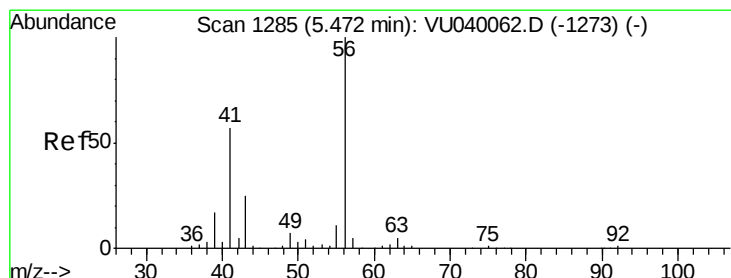
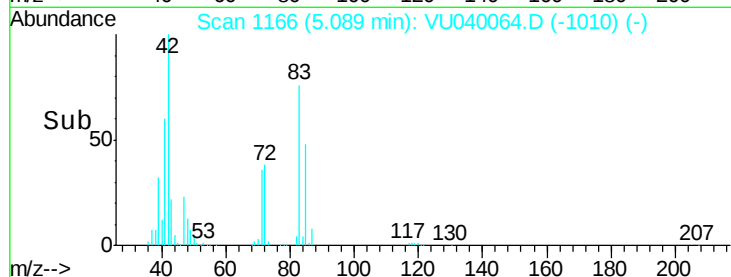
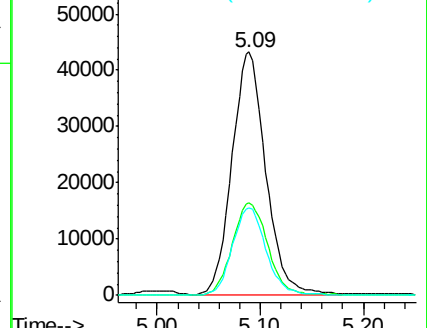
71 35.8 30.9 46.3



Abundance Ion 42.00 (41.70 to 42.70): VU040062.D (-1149) (-)

Ion 72.00 (71.70 to 72.70): VU040062.D (-1149) (-)

Ion 71.00 (70.70 to 71.70): VU040062.D (-1149) (-)



#42

1-Chlorobutane

Concen: 10.675 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040064.D

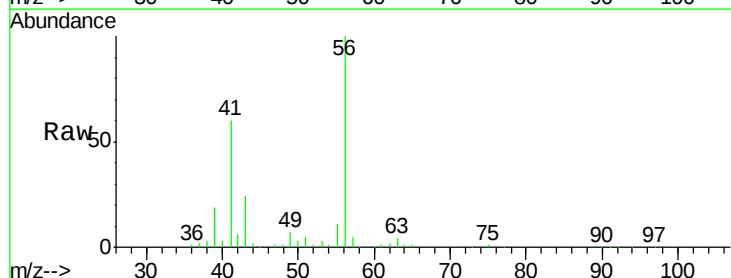
Acq: 09 Sep 2020 13:57

Tgt Ion: 56 Resp: 178262

Ion Ratio Lower Upper

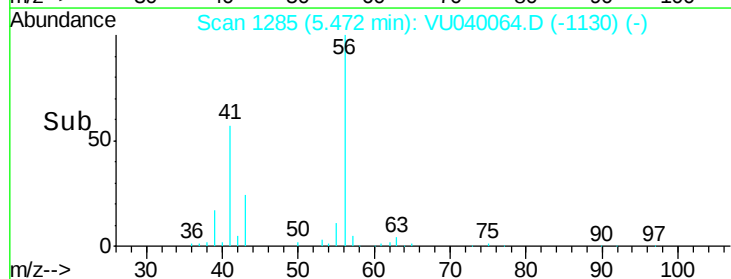
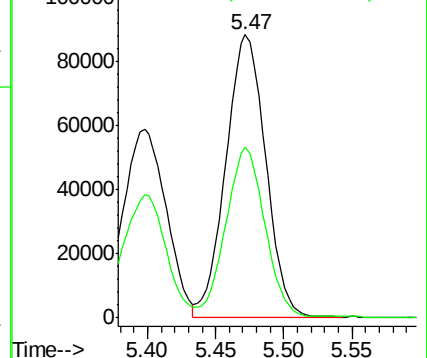
56 100

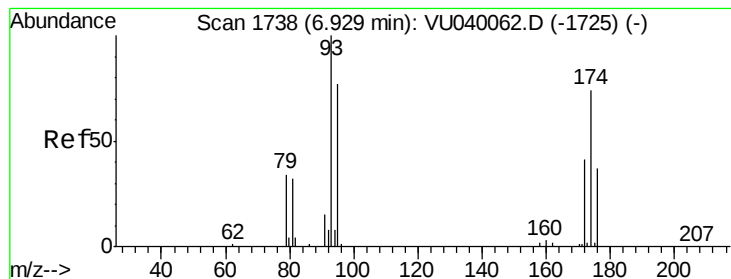
41 57.9 29.2 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU040062.D (-1273) (-)

Ion 41.00 (40.70 to 41.70): VU040062.D (-1273) (-)





#43

Dibromomethane

Concen: 10.211 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

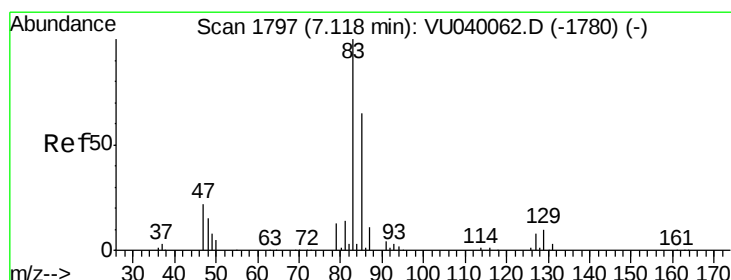
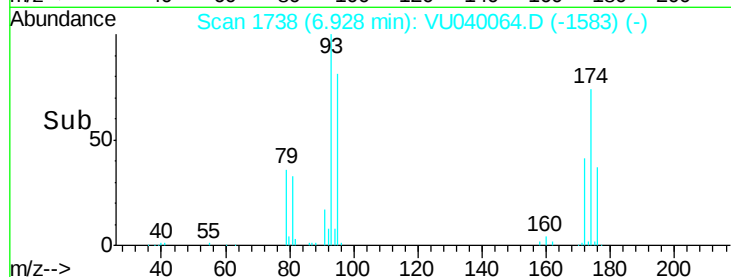
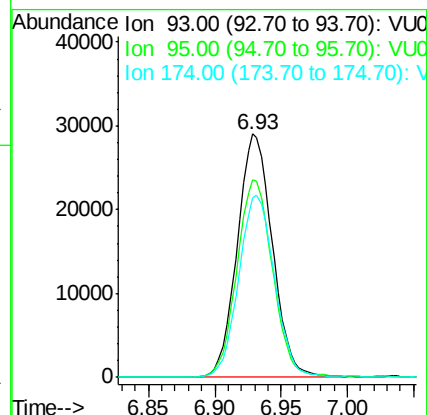
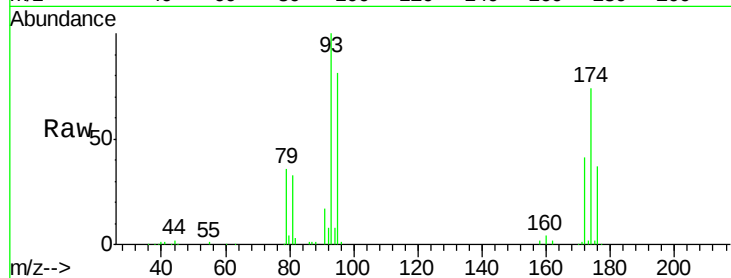
Tgt Ion: 93 Resp: 53467

Ion Ratio Lower Upper

93 100

95 82.8 63.3 94.9

174 76.0 63.5 95.3



#44

Bromodichloromethane

Concen: 10.483 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

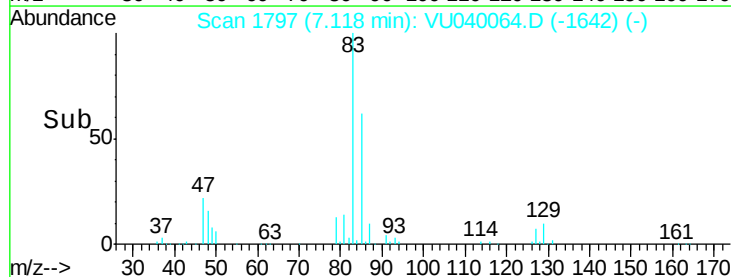
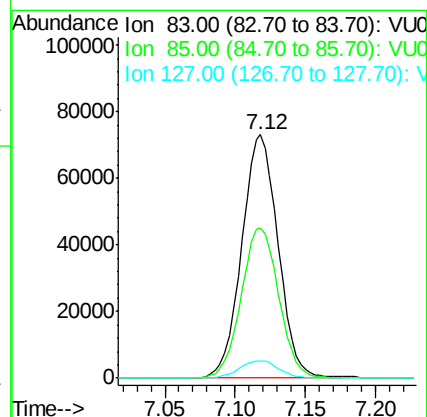
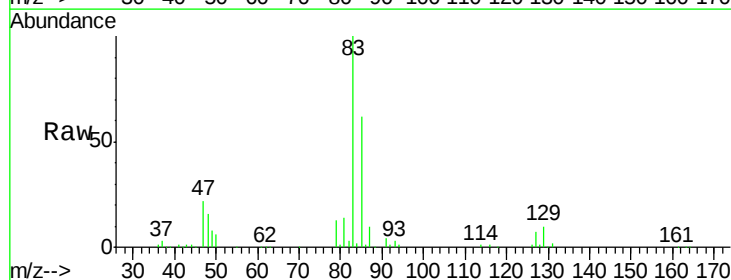
Tgt Ion: 83 Resp: 131768

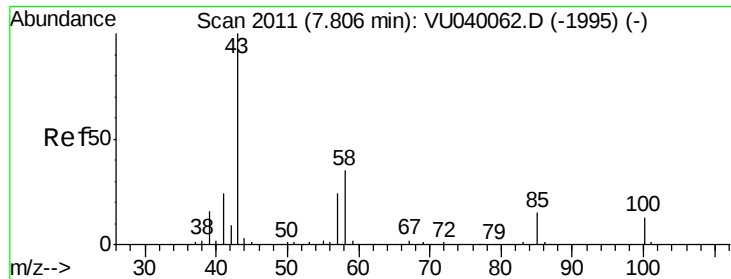
Ion Ratio Lower Upper

83 100

85 61.9 52.1 78.1

127 7.1 6.6 9.8

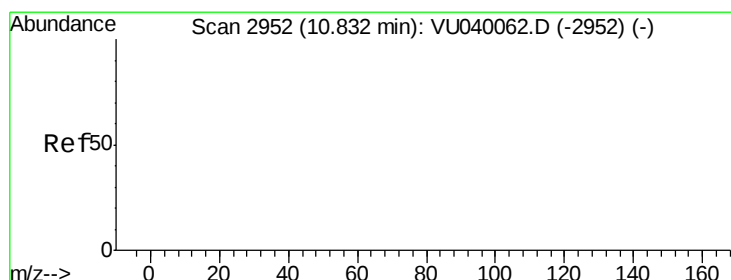
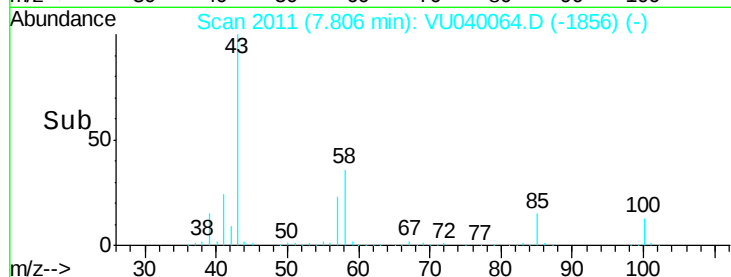
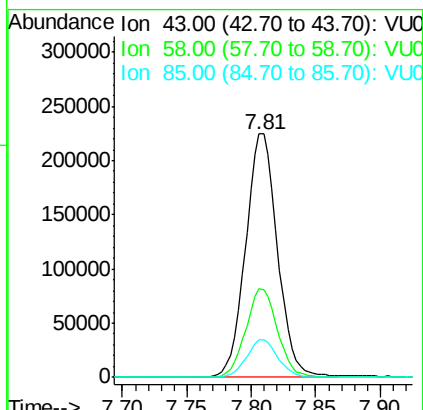
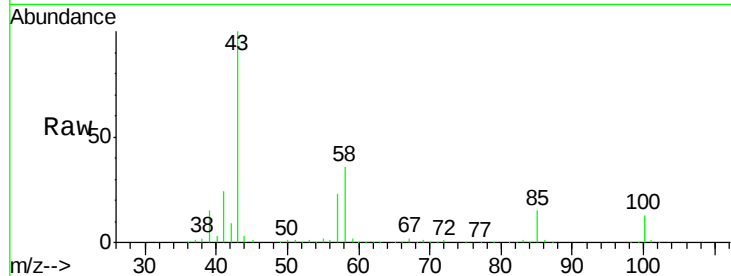




#45
 4-Methyl-2-Pentanone
 Concen: 54.171 ug/l
 RT: 7.81 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

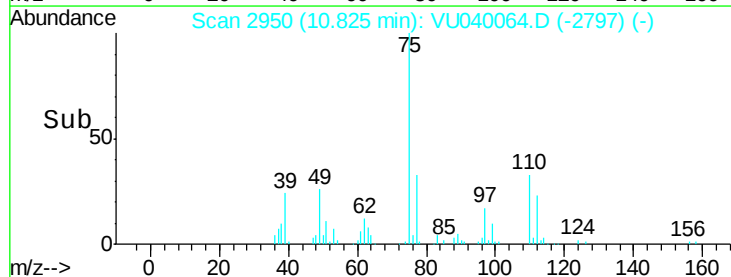
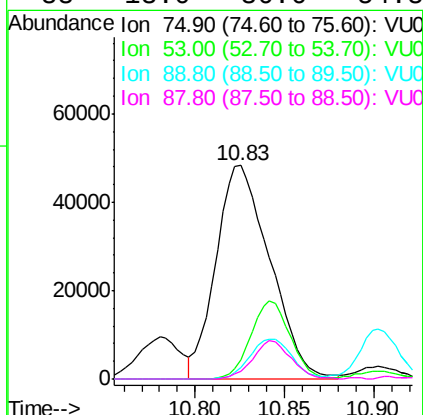
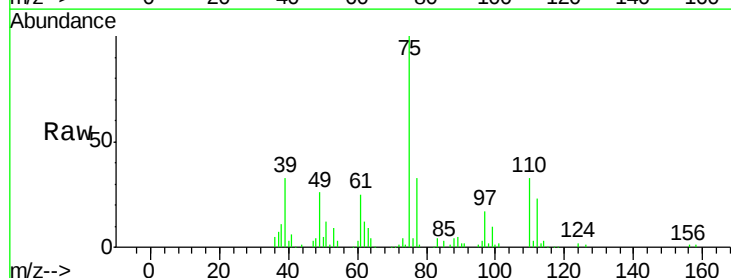
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

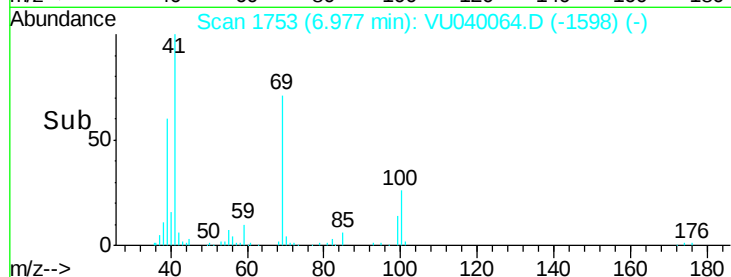
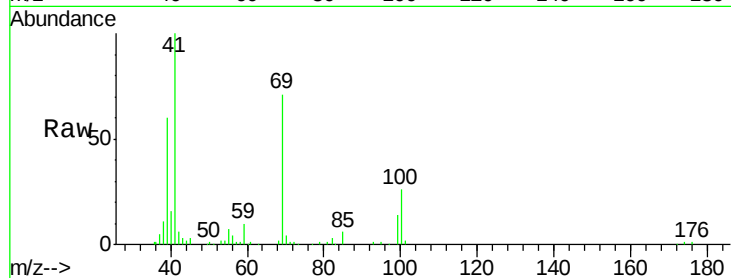
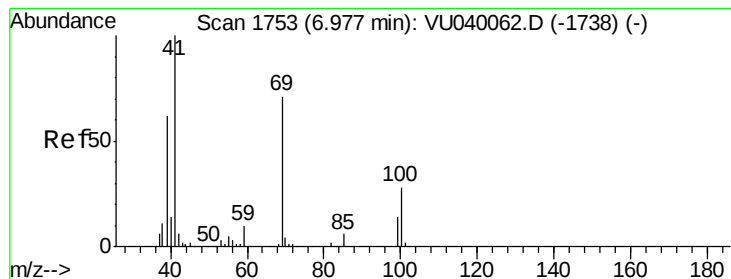
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.2	18.1	54.3
85	15.5	12.3	18.5



#46
 t-1,4-Dichloro-2-butene
 Concen: 37.151 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
53	27.2	75.0	112.6#
89	14.8	41.6	62.4#
88	13.0	36.6	54.8#





#47

Methyl methacrylate

Concen: 10.786 ug/l

RT: 6.98 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tgt Ion: 69 Resp: 48412

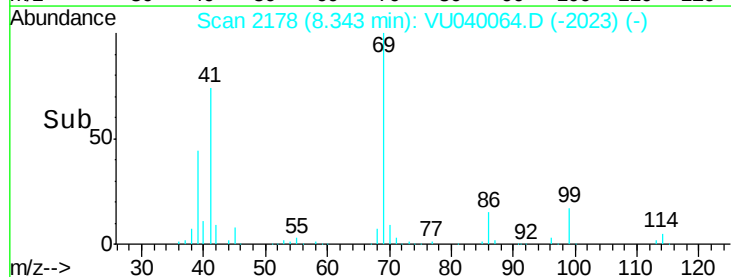
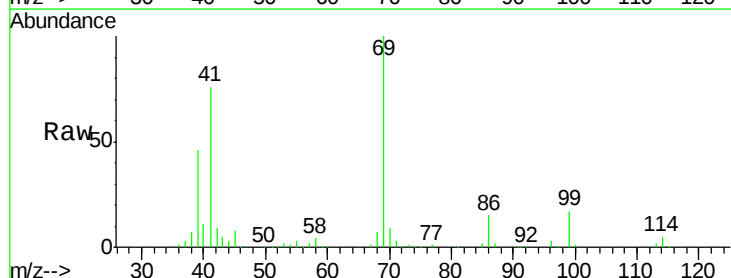
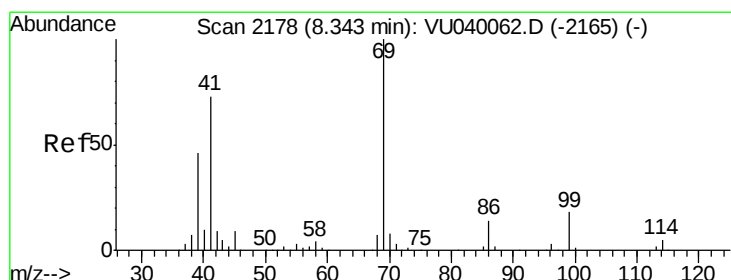
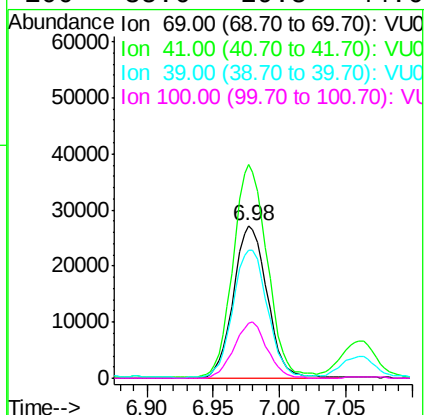
Ion Ratio Lower Upper

69 100

41 140.1 0.0 273.0

39 85.8 67.8 101.6

100 35.6 29.8 44.6



#48

Ethyl methacrylate

Concen: 11.429 ug/l

RT: 8.34 min Scan# 2178

Delta R.T. -0.00 min

Lab File: VU040064.D

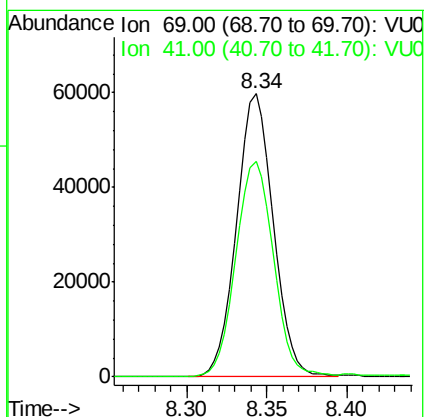
Acq: 09 Sep 2020 13:57

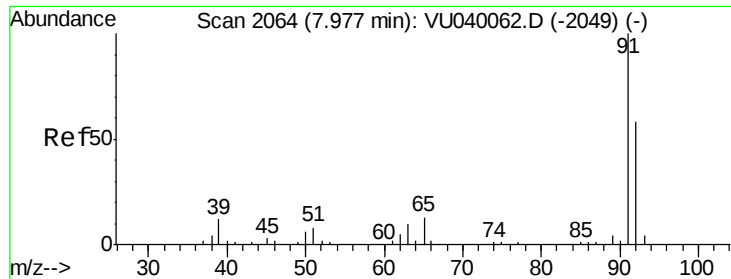
Tgt Ion: 69 Resp: 93214

Ion Ratio Lower Upper

69 100

41 77.9 37.8 113.3





#49

Toluene

Concen: 11.235 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

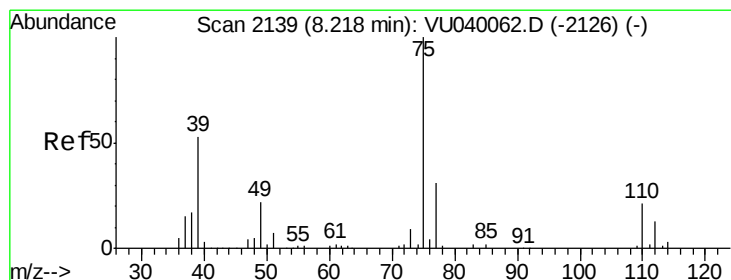
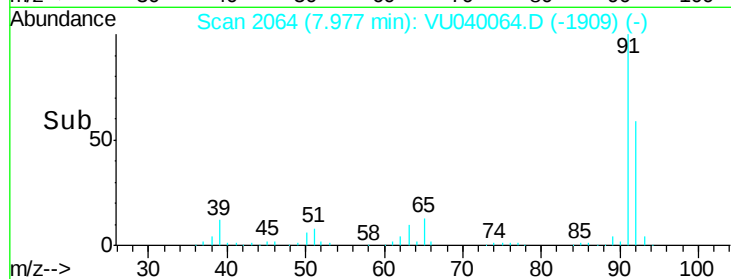
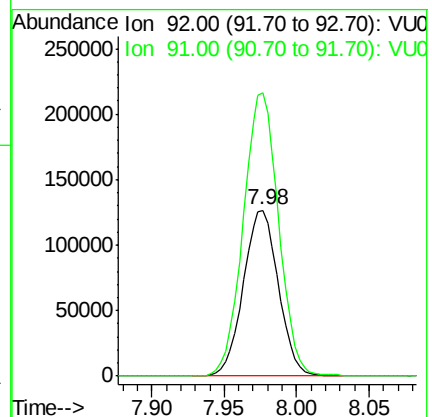
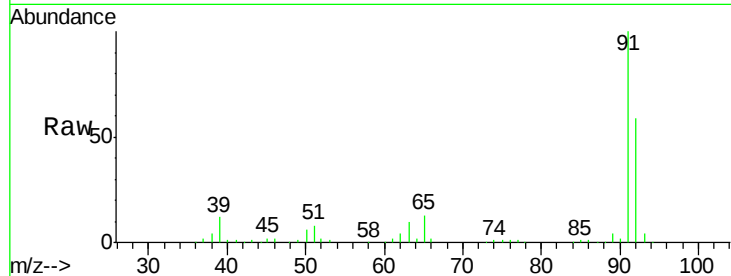
ICVVU090920

Tgt Ion: 92 Resp: 212504

Ion Ratio Lower Upper

92 100

91 172.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 11.197 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040064.D

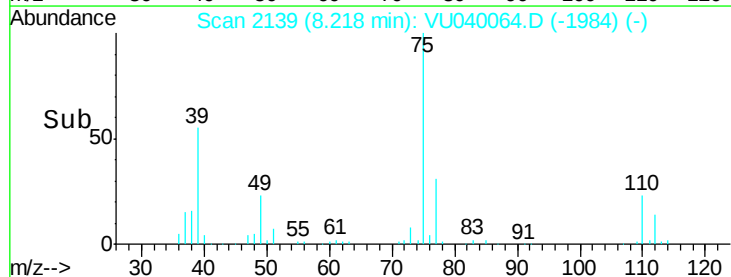
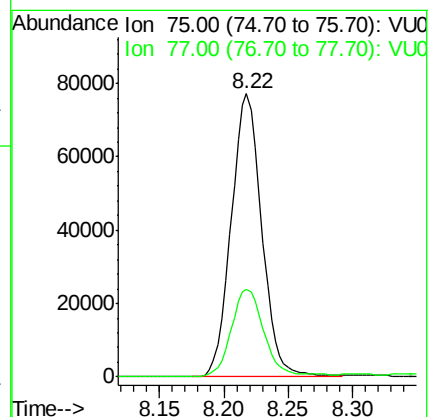
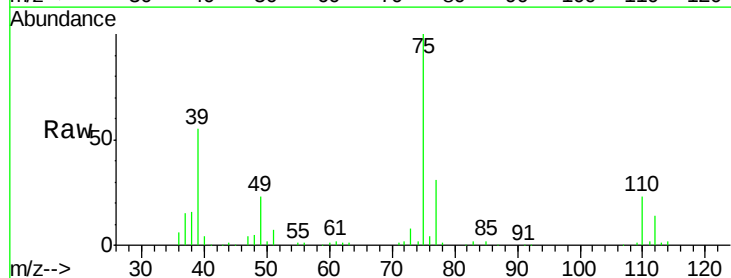
Acq: 09 Sep 2020 13:57

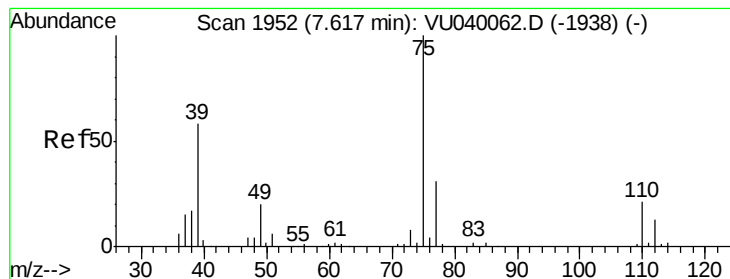
Tgt Ion: 75 Resp: 126950

Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6



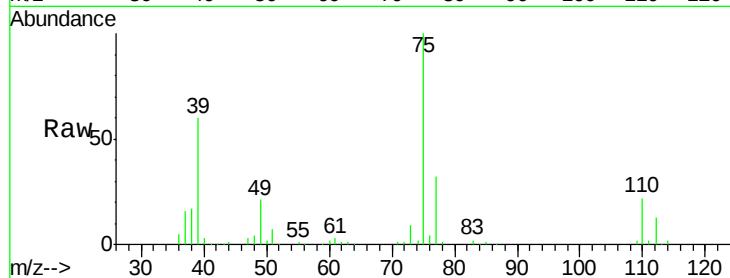


#51

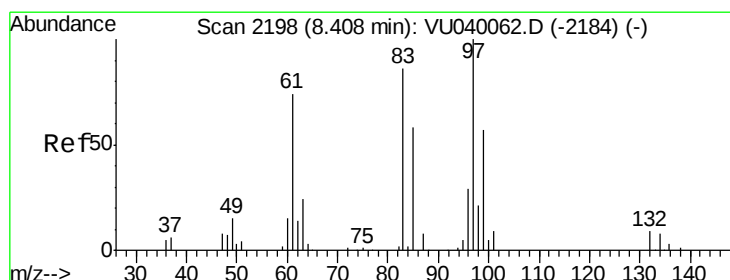
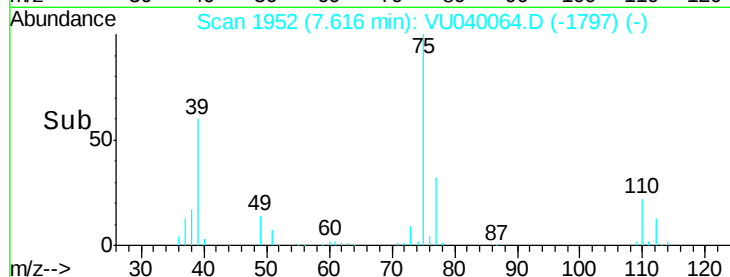
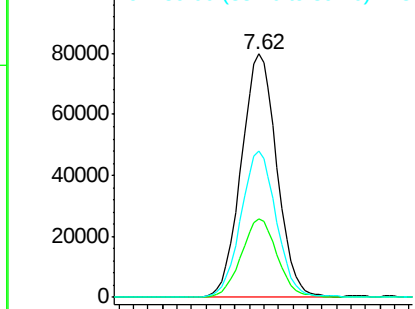
cis-1,3-Dichloropropene
Concen: 10.808 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tgt Ion: 75 Resp: 136415
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 59.9 46.2 69.4



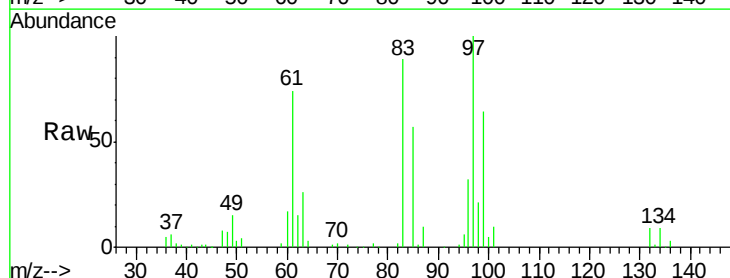
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



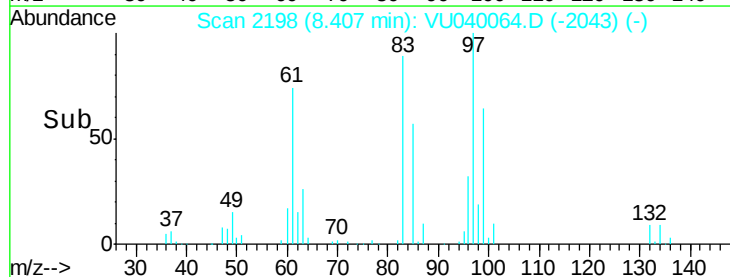
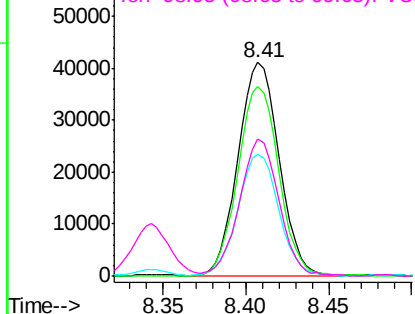
#52

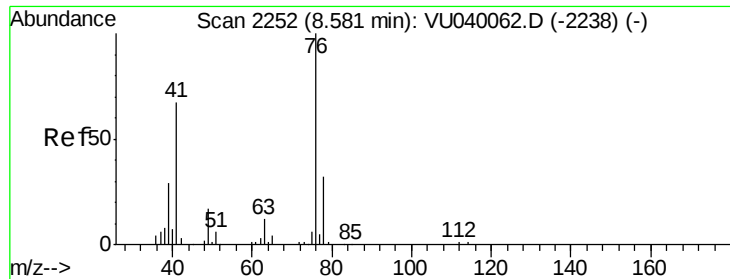
1,1,2-Trichloroethane
Concen: 10.565 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 97 Resp: 70870
Ion Ratio Lower Upper
97 100
83 88.5 68.7 103.1
85 56.9 46.7 70.1
99 63.6 48.6 72.8



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





#53

1,3-Dichloropropane

Concen: 10.545 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

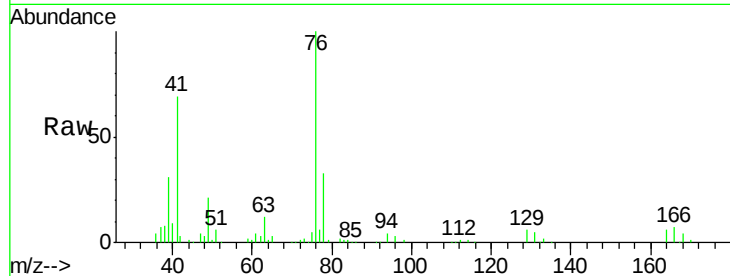
ICVVU090920

Tgt Ion: 76 Resp: 126991

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



Abundance Ion 76.00 (75.70 to 76.70): VU040064.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040064.D (-2097) (-)

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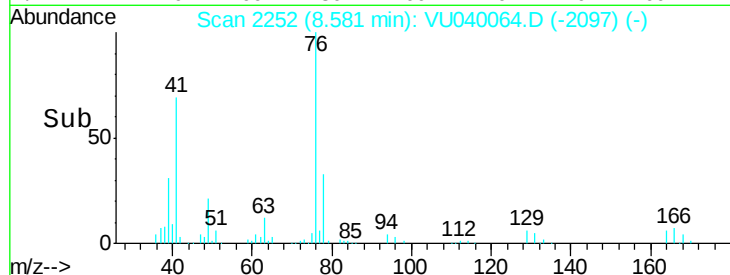
8.58

8.58

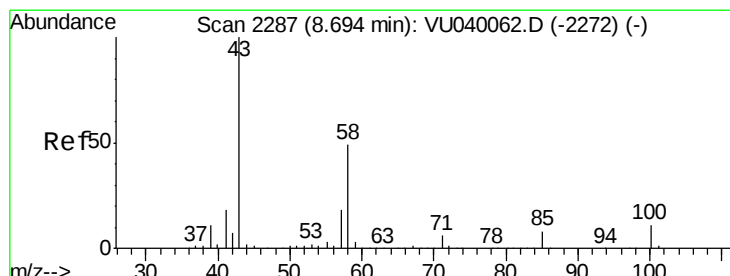
8.58

8.58

8.58



Time-->



#54

2-Hexanone

Concen: 55.235 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

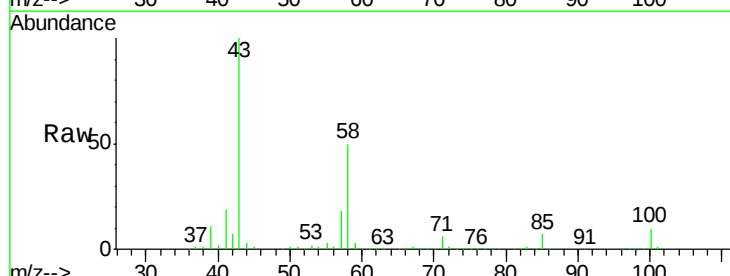
Tgt Ion: 43 Resp: 285640

Ion Ratio Lower Upper

43 100

58 49.8 29.6 69.6

57 17.7 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU040064.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040064.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040064.D (-2132) (-)

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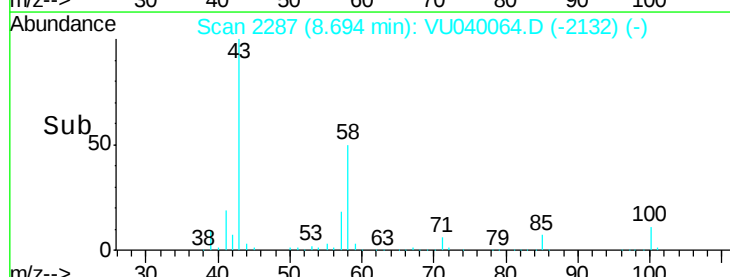
8.69

8.69

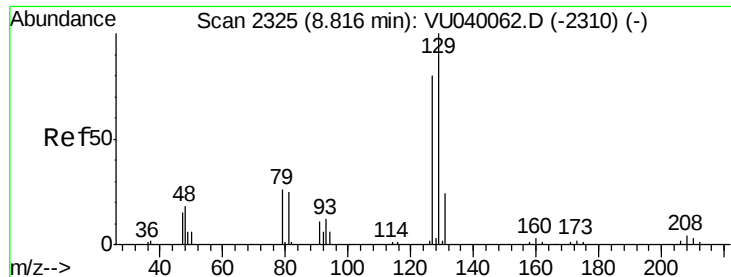
8.69

8.69

8.69



Time-->



#55

Dibromochloromethane

Concen: 10.601 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

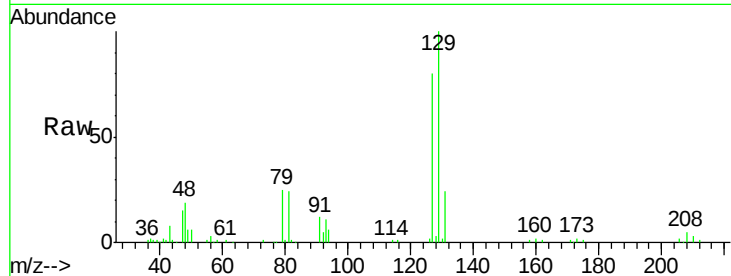
ICVVU090920

Tgt Ion:129 Resp: 82978

Ion Ratio Lower Upper

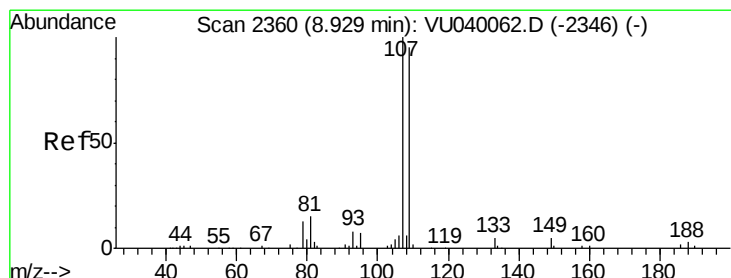
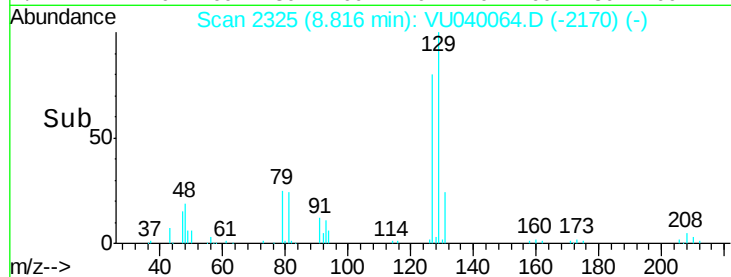
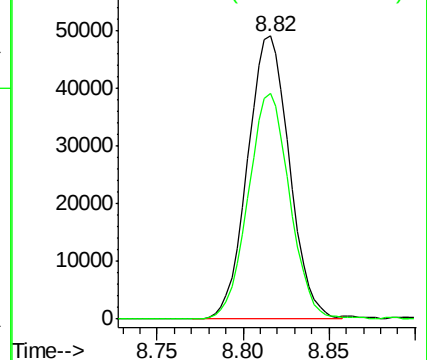
129 100

127 79.2 62.7 94.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 11.155 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040064.D

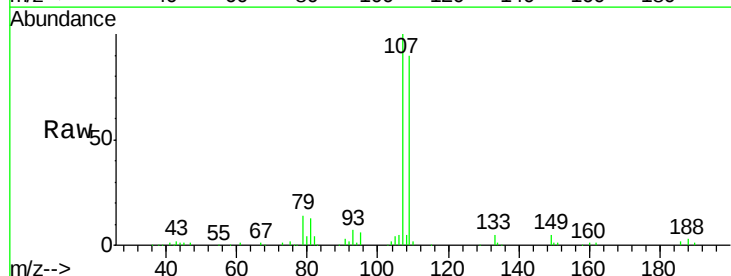
Acq: 09 Sep 2020 13:57

Tgt Ion:107 Resp: 69884

Ion Ratio Lower Upper

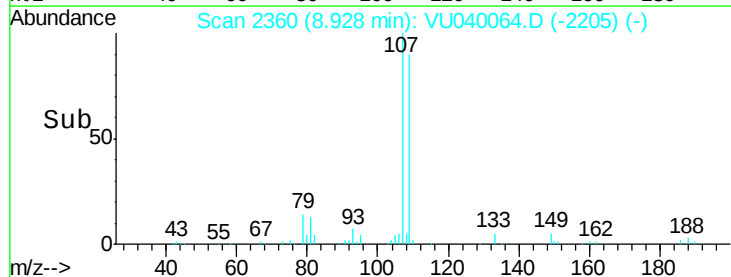
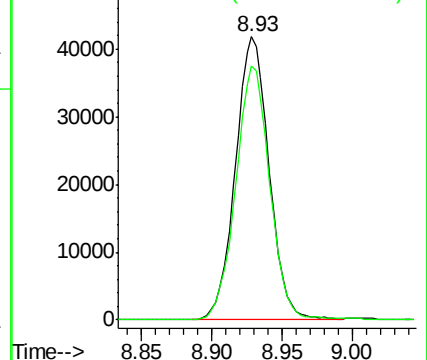
107 100

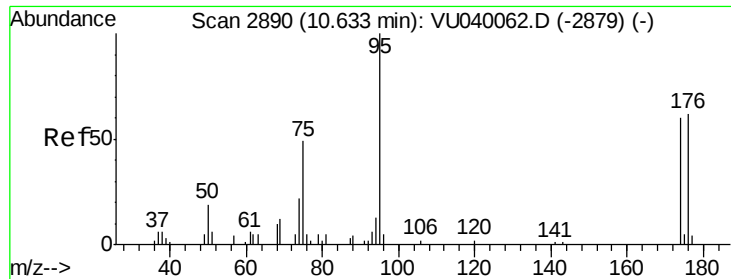
109 90.5 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

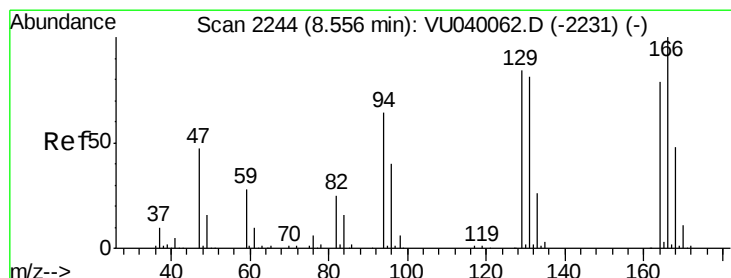
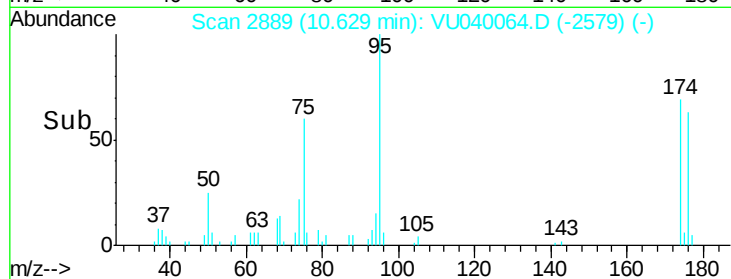
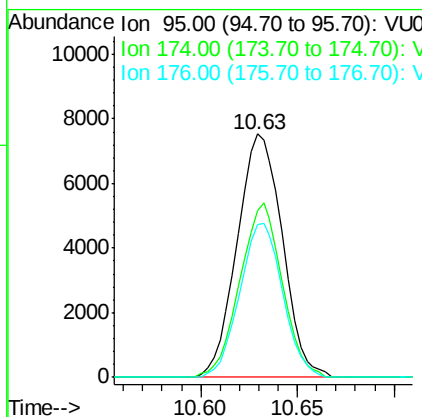
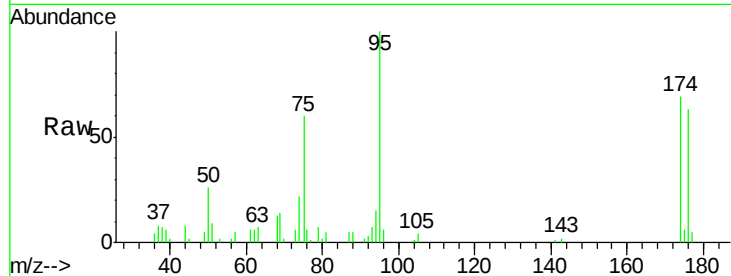




#57
 4-Bromofluorobenzene
 Concen: 1.019 ug/l
 RT: 10.63 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

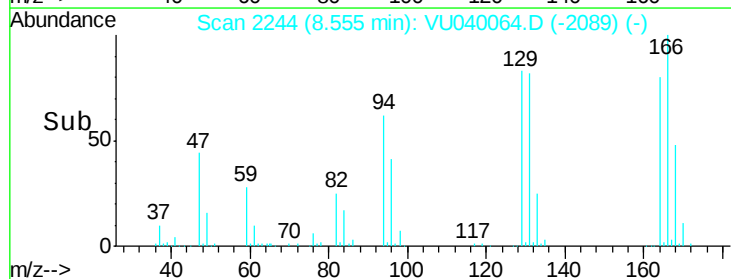
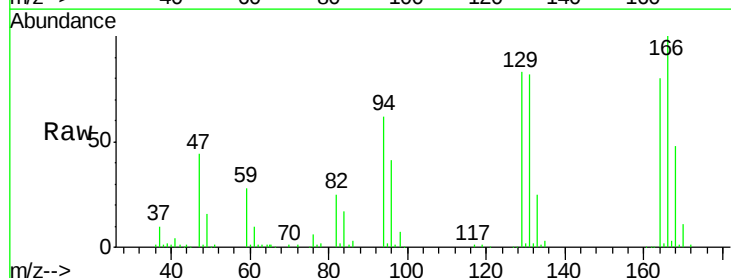
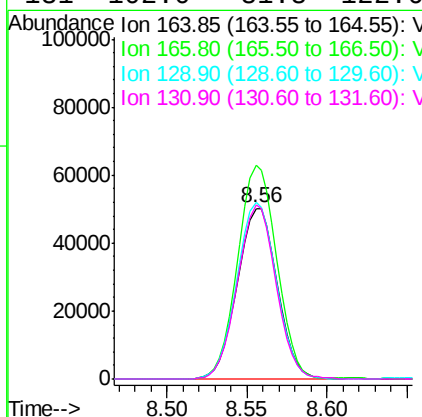
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

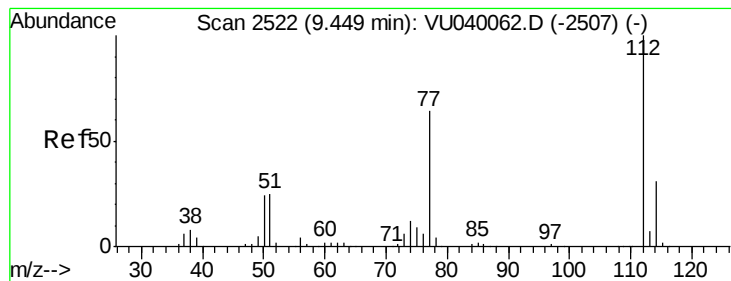
Tgt Ion: 95 Resp: 12215
 Ion Ratio Lower Upper
 95 100
 174 67.2 49.4 74.0
 176 60.1 50.1 75.1



#58
 Tetrachloroethene
 Concen: 11.057 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 164 Resp: 85386
 Ion Ratio Lower Upper
 164 100
 166 125.1 101.3 151.9
 129 103.7 84.8 127.2
 131 102.0 81.8 122.6





#59

Chlorobenzene

Concen: 10.527 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

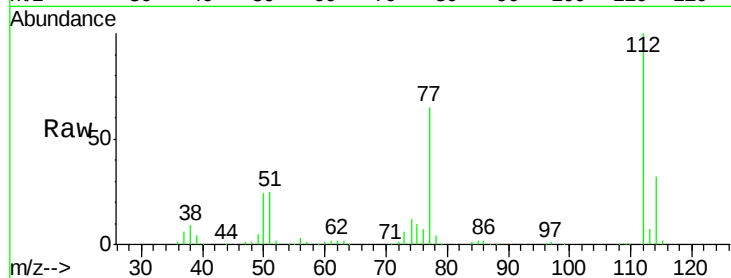
ICVVU090920

Tgt Ion:112 Resp: 220803

Ion Ratio Lower Upper

112 100

114 31.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.45

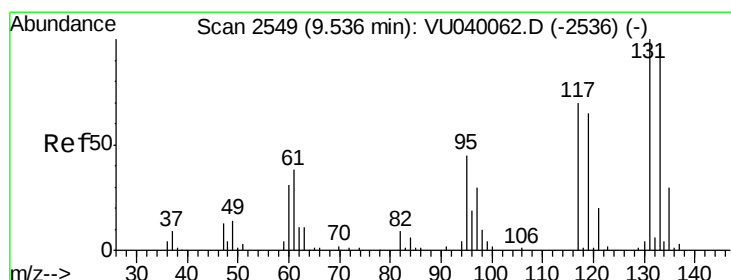
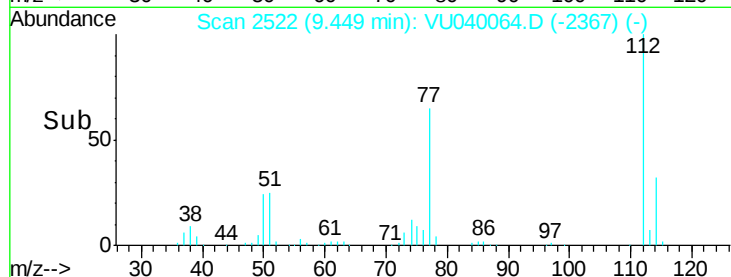
150000

100000

50000

0

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.900 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

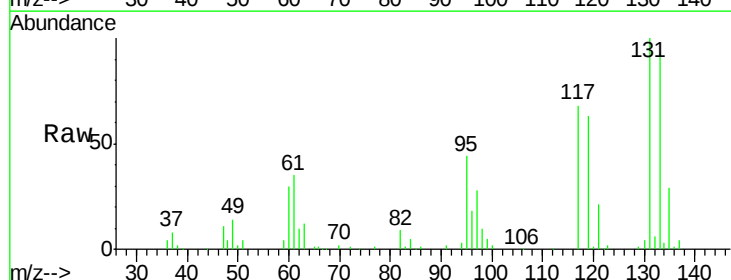
Tgt Ion:131 Resp: 83727

Ion Ratio Lower Upper

131 100

133 93.1 75.4 113.2

119 64.0 51.5 77.3



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

9.54

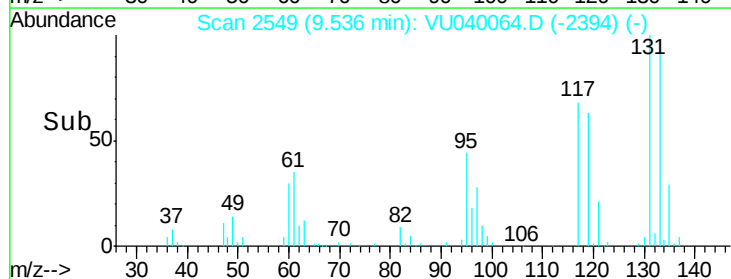
60000

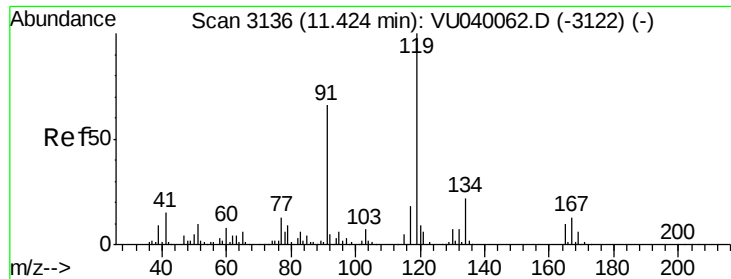
40000

20000

0

Time-->

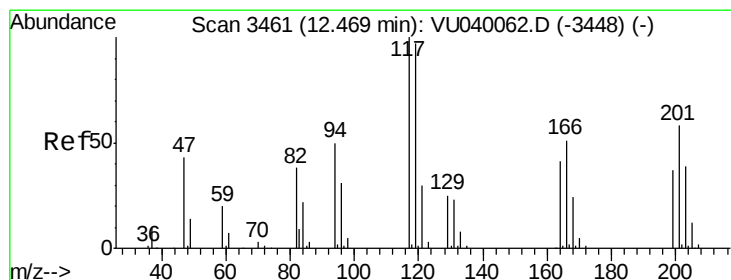
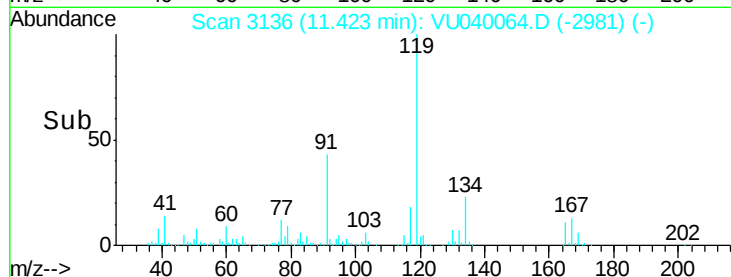
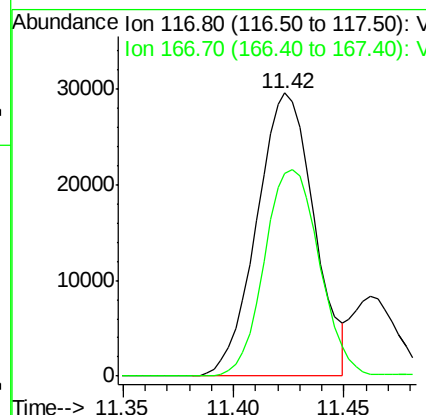
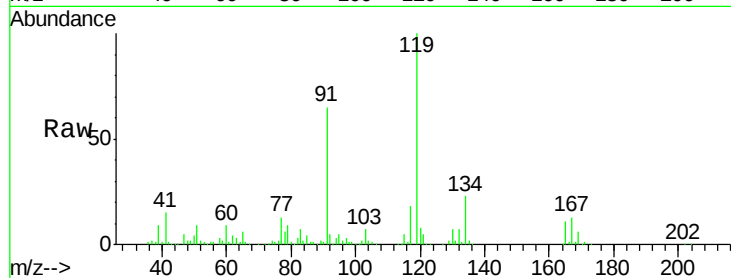




#61
 Pentachloroethane
 Concen: 10.136 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

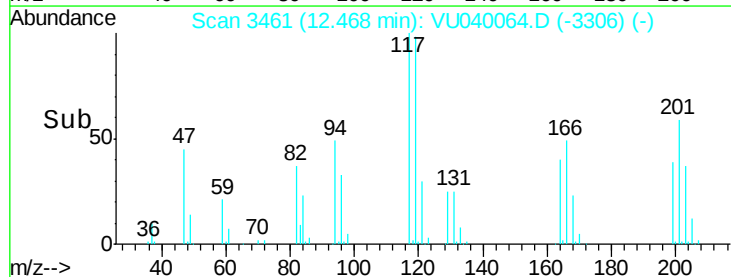
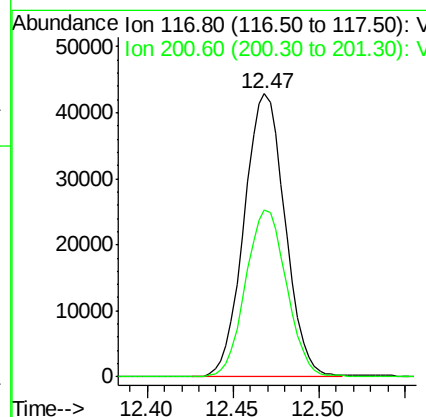
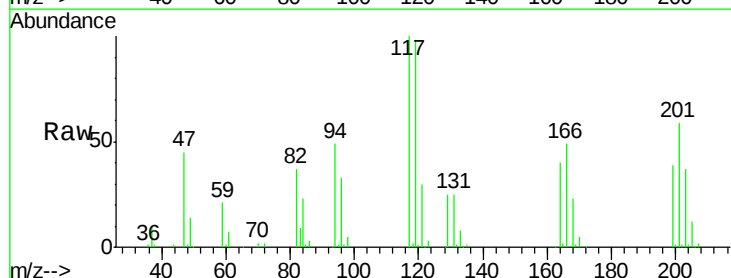
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

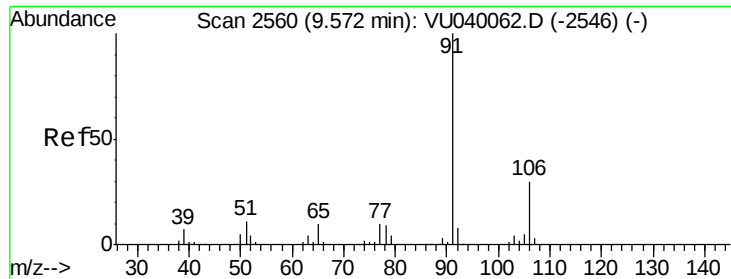
Tgt Ion:117 Resp: 53087
 Ion Ratio Lower Upper
 117 100
 167 70.2 54.5 81.7



#62
 Hexachloroethane
 Concen: 10.642 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:117 Resp: 70836
 Ion Ratio Lower Upper
 117 100
 201 59.0 47.0 70.4

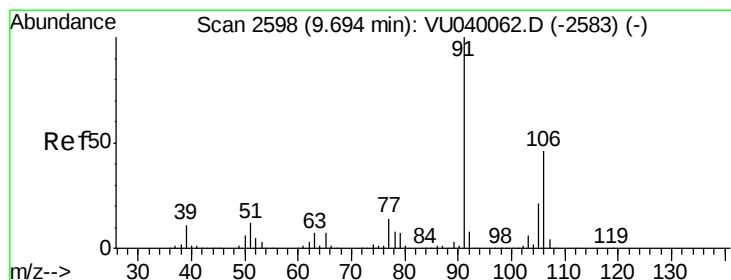
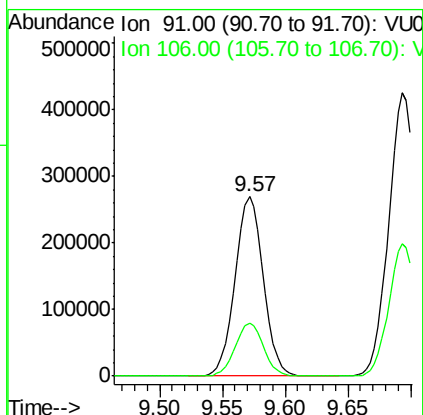
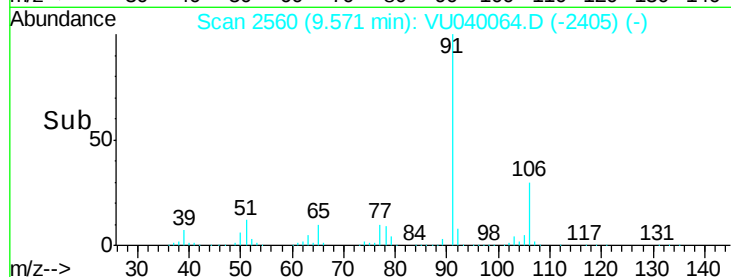
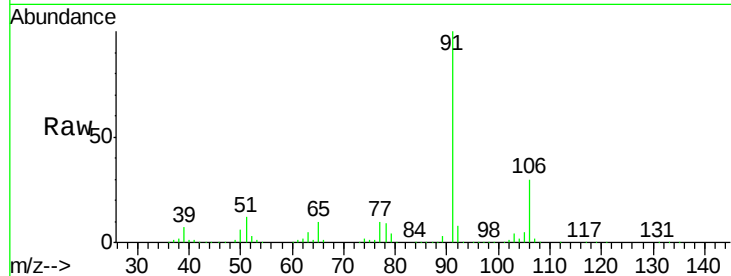




#63
Ethyl Benzene
Concen: 11.816 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

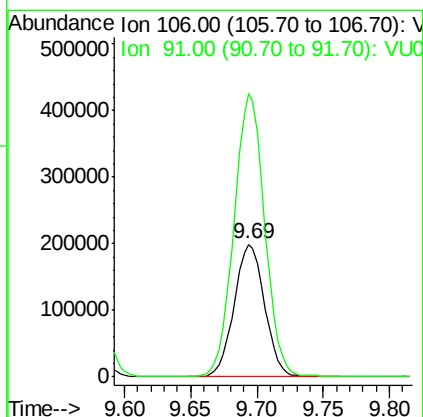
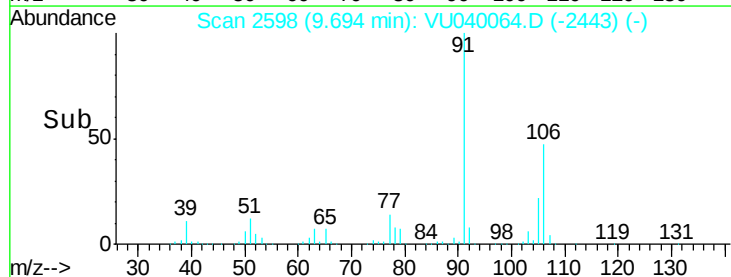
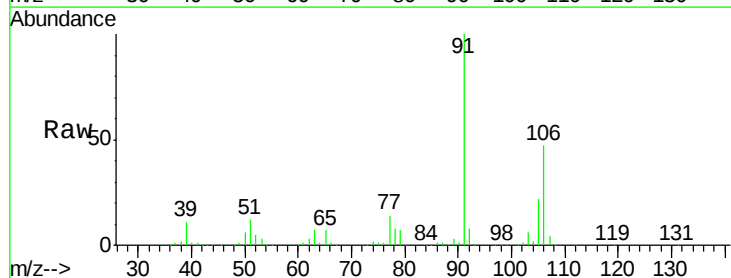
Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

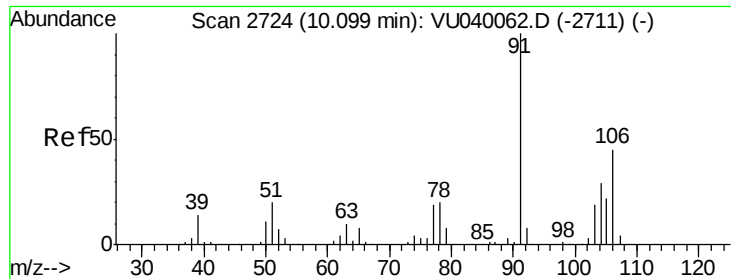
Tgt Ion: 91 Resp: 422900
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#64
m/p-Xylenes
Concen: 23.872 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 106 Resp: 319224
Ion Ratio Lower Upper
106 100
91 213.5 171.4 257.2

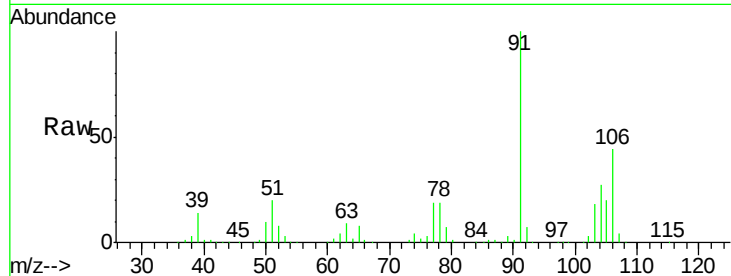




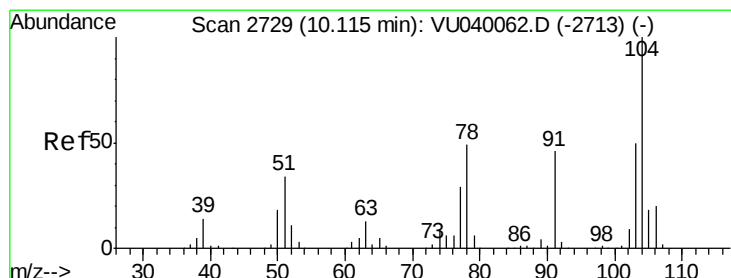
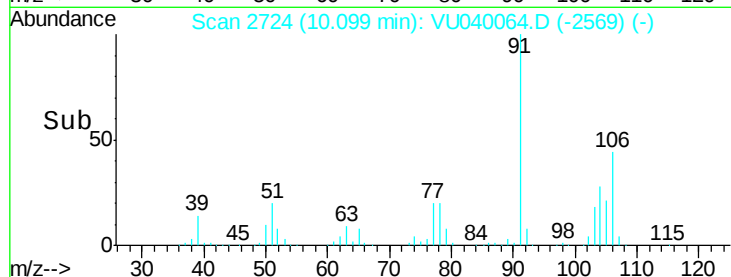
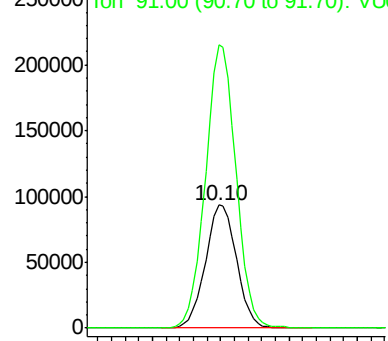
#65
o-Xylene
Concen: 11.492 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tgt Ion:106 Resp: 148353
Ion Ratio Lower Upper
106 100
91 225.8 114.2 342.6

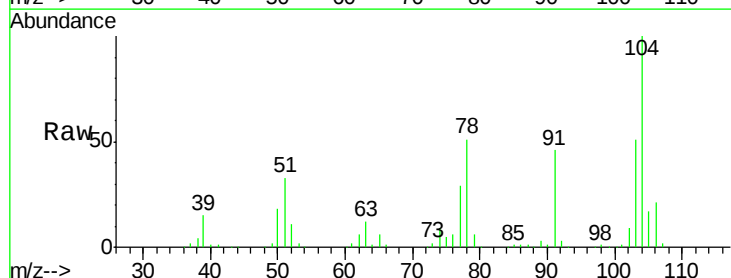


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

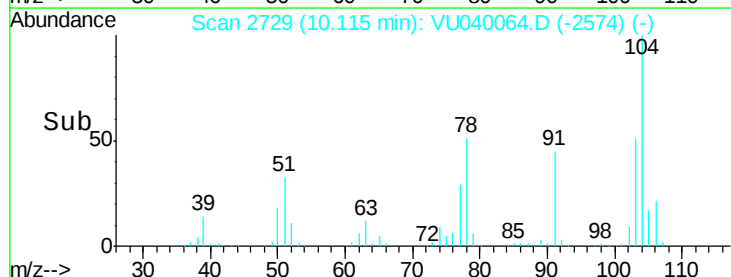
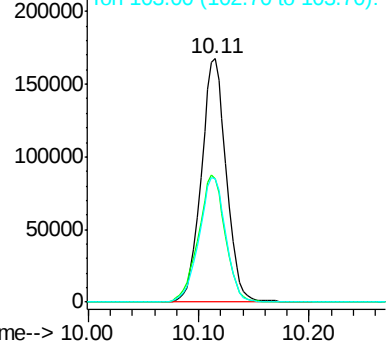


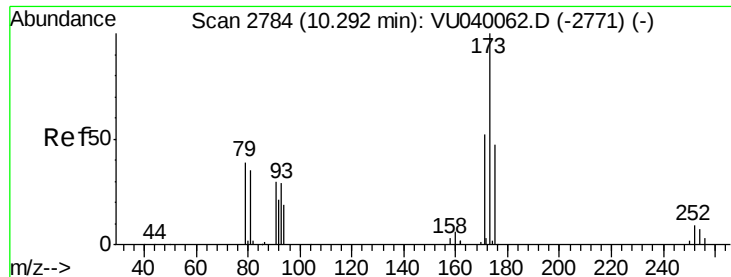
#66
Styrene
Concen: 11.606 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:104 Resp: 263146
Ion Ratio Lower Upper
104 100
78 56.2 43.9 65.9
103 54.7 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.043 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

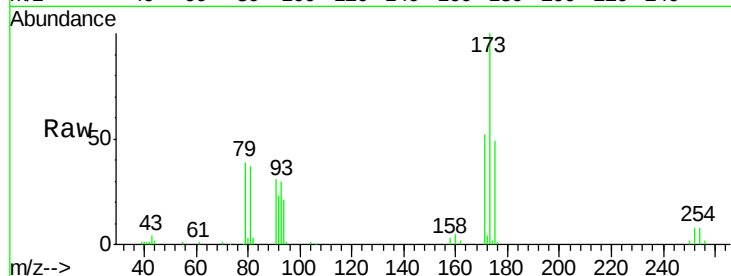
Tgt Ion:173 Resp: 44513

Ion Ratio Lower Upper

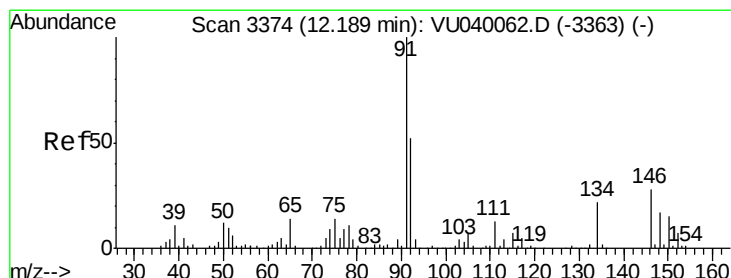
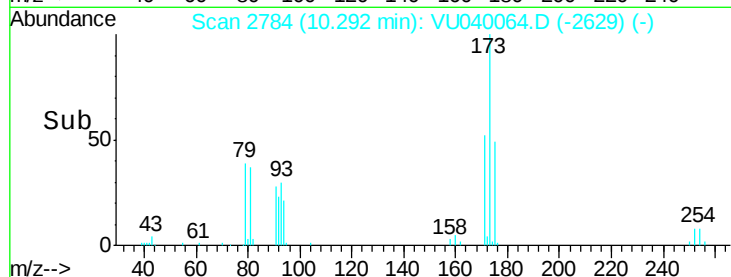
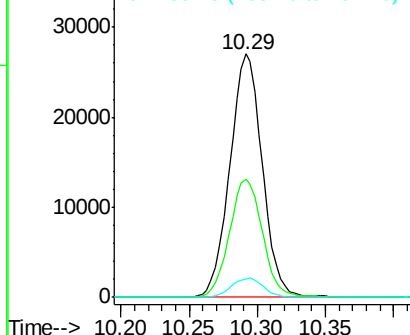
173 100

175 49.5 38.0 57.0

254 7.7 5.8 8.8



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



#68

1,2-Dichlorobenzene-d4

Concen: 0.954 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

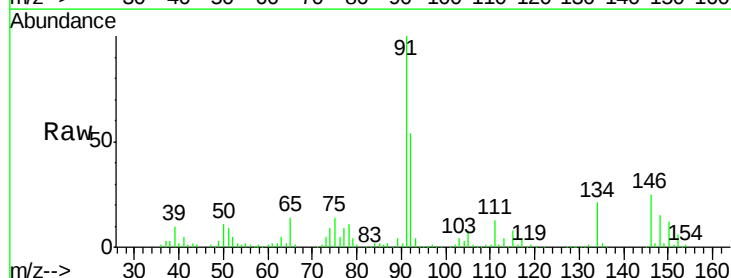
Tgt Ion:152 Resp: 10460

Ion Ratio Lower Upper

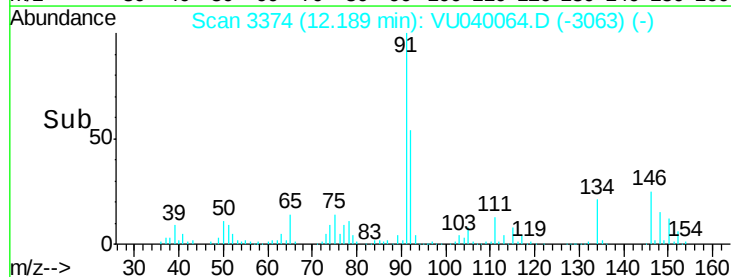
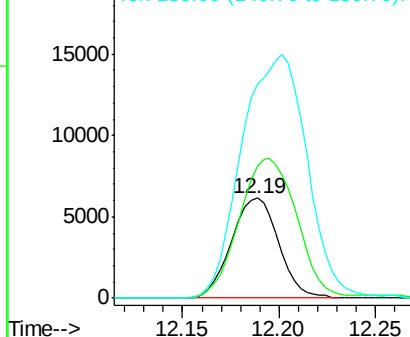
152 100

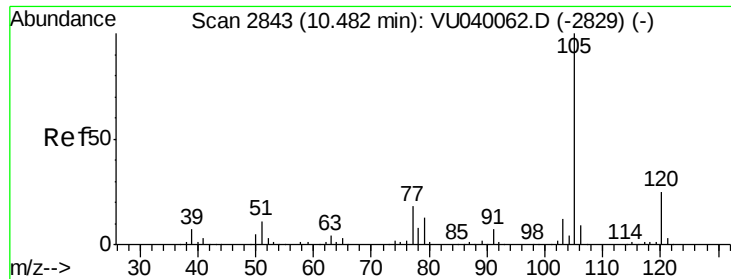
115 169.0 0.0 309.0

150 334.3 0.0 658.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.693 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

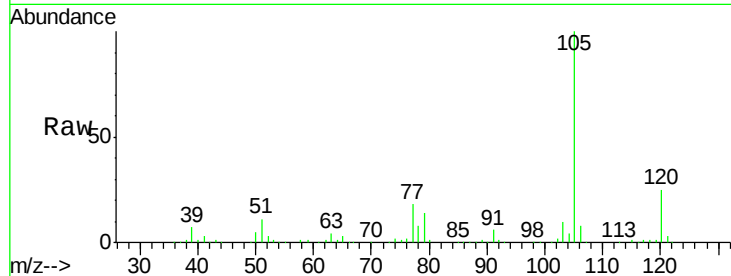
ICVVU090920

Tgt Ion:105 Resp: 415444

Ion Ratio Lower Upper

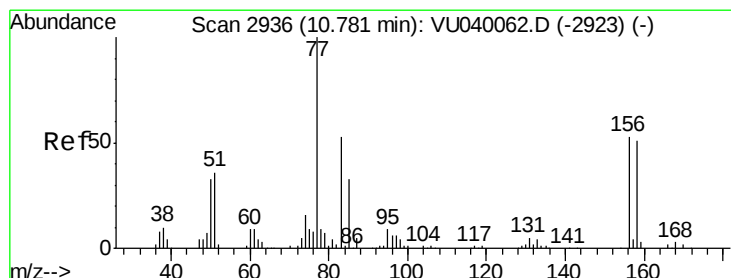
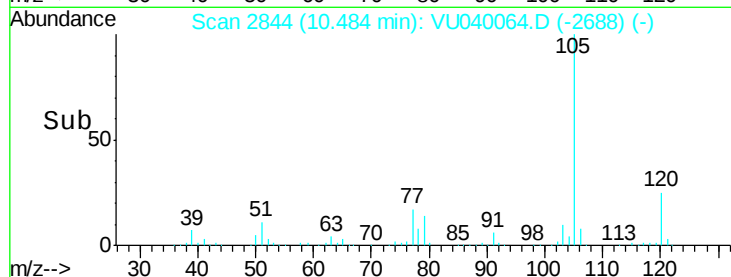
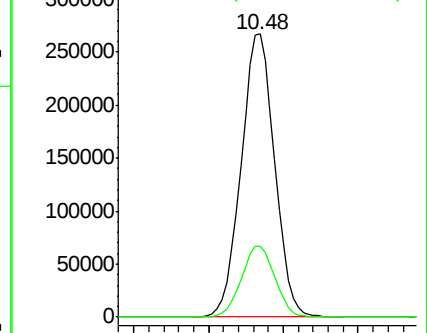
105 100

120 25.2 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.079 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

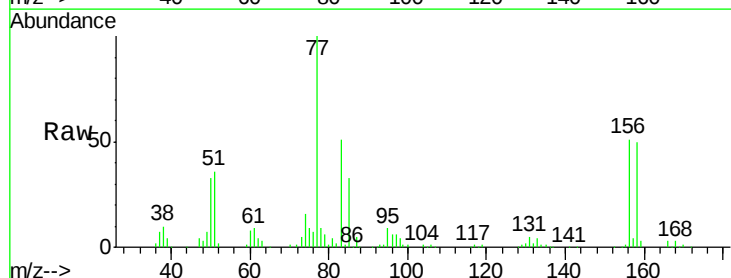
Tgt Ion: 83 Resp: 90390

Ion Ratio Lower Upper

83 100

131 9.4 7.5 11.3

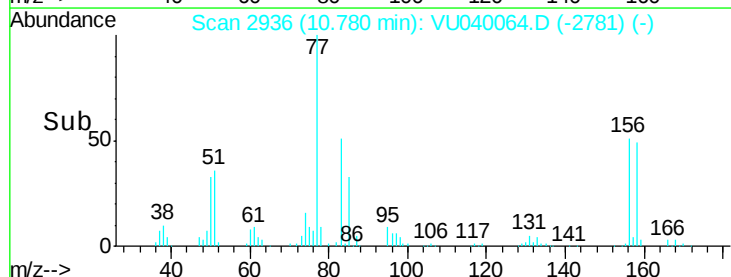
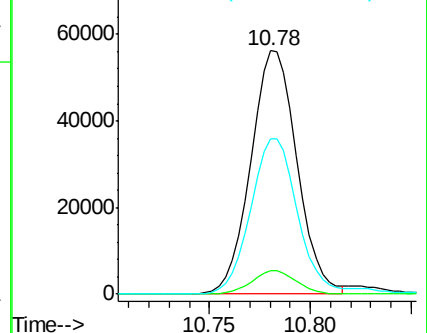
85 66.5 49.7 74.5

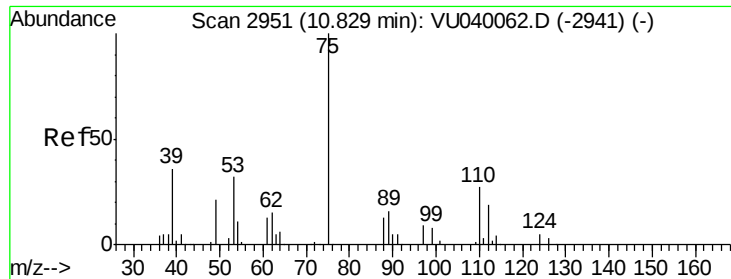


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

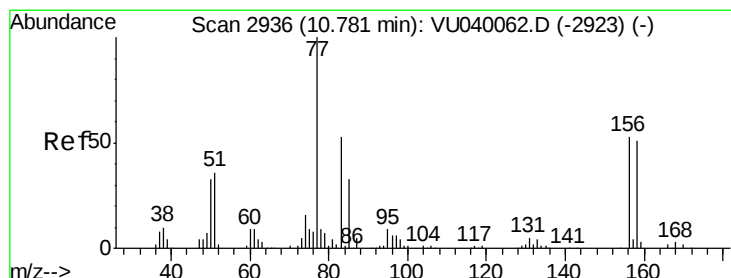
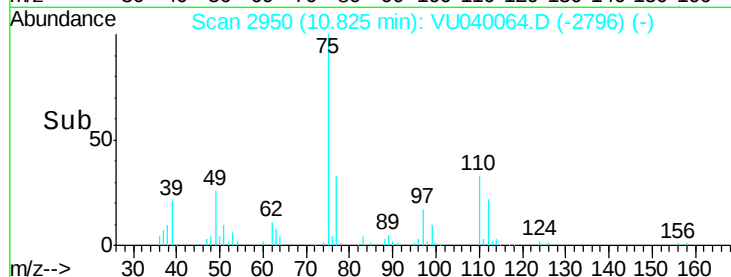
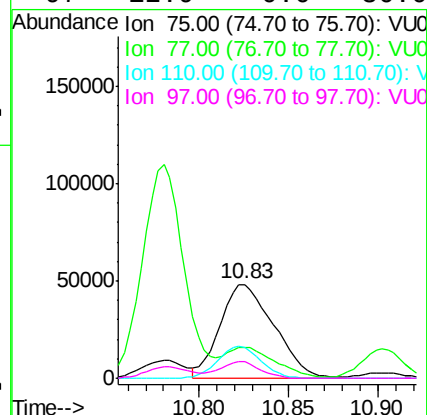
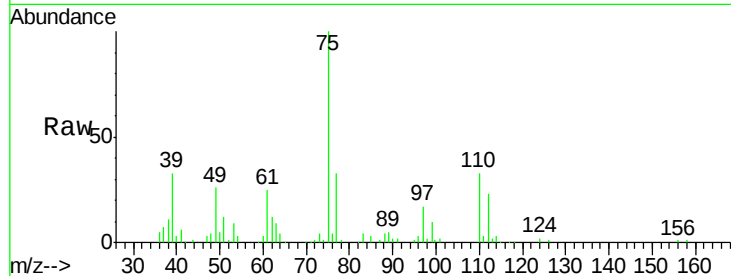




#71
 1,2,3-Trichloropropane
 Concen: 14.560 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

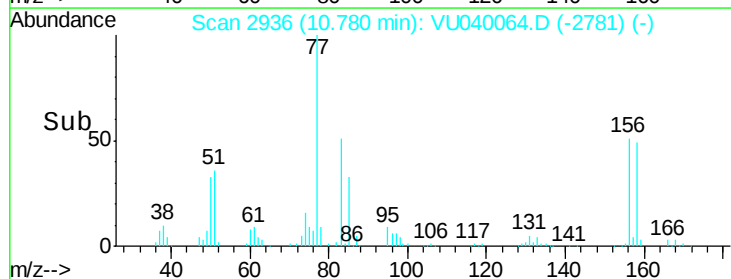
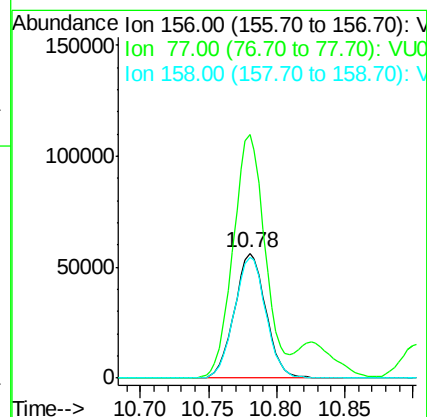
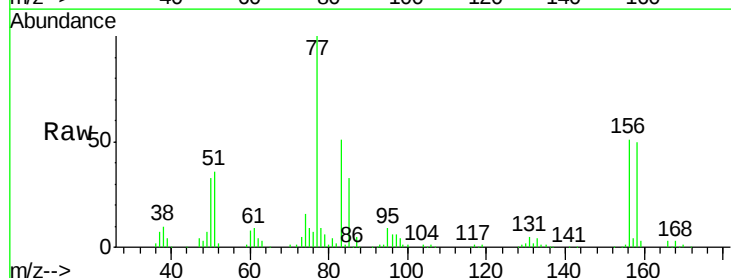
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

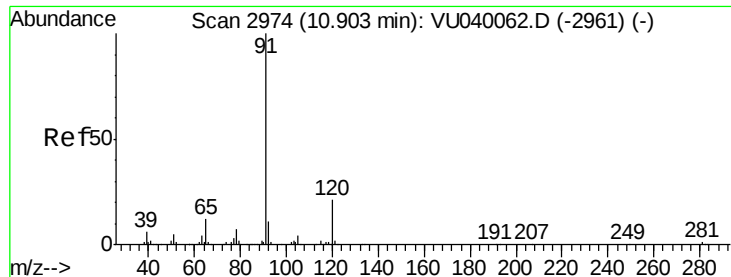
Tgt Ion:	75	Resp:	101390
Ion	Ratio	Lower	Upper
75	100		
77	30.7	0.0	111.4
110	27.1	0.0	70.8
97	12.9	0.0	36.0



#72
 Bromobenzene
 Concen: 10.897 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:	156	Resp:	90318
Ion	Ratio	Lower	Upper
156	100		
77	197.9	0.0	383.6
158	96.9	0.0	195.0





#73

n-propylbenzene

Concen: 11.249 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

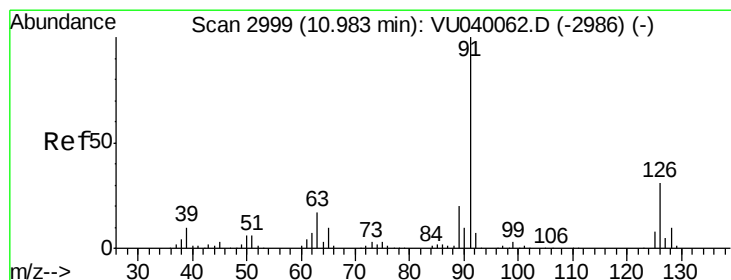
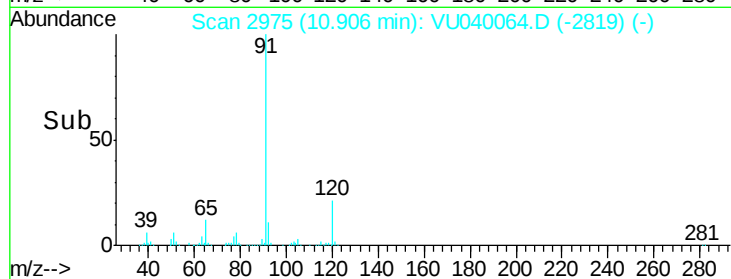
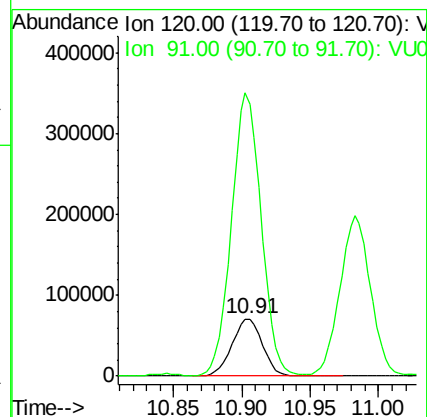
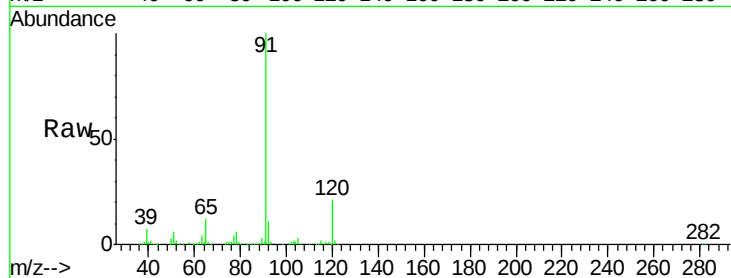
ICVVU090920

Tgt Ion:120 Resp: 109885

Ion Ratio Lower Upper

120 100

91 480.2 380.4 570.6



#74

2-Chlorotoluene

Concen: 10.897 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040064.D

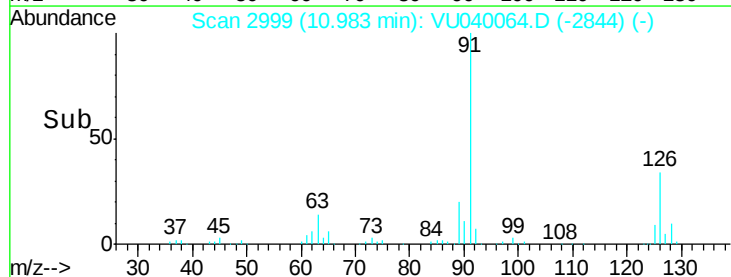
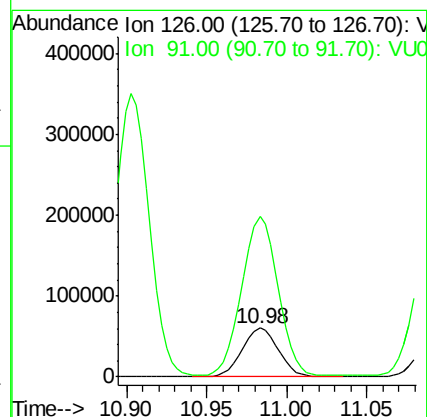
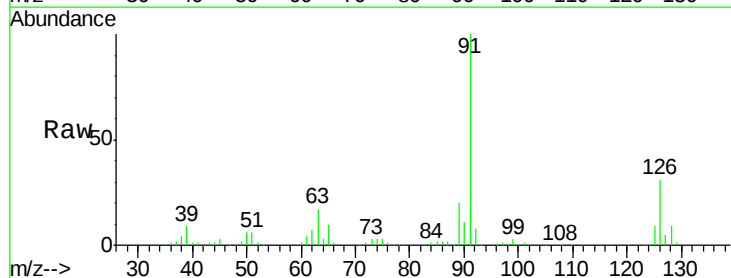
Acq: 09 Sep 2020 13:57

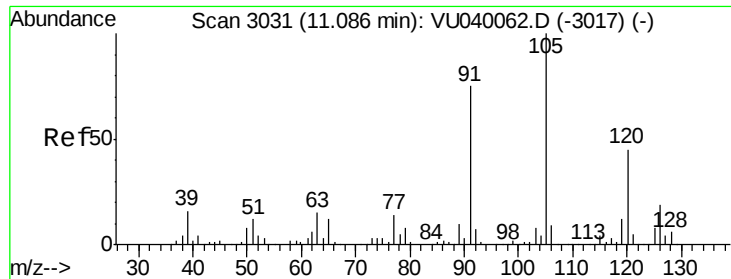
Tgt Ion:126 Resp: 93003

Ion Ratio Lower Upper

126 100

91 326.2 0.0 649.6





#75

1,3,5-Trimethylbenzene

Concen: 12.015 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

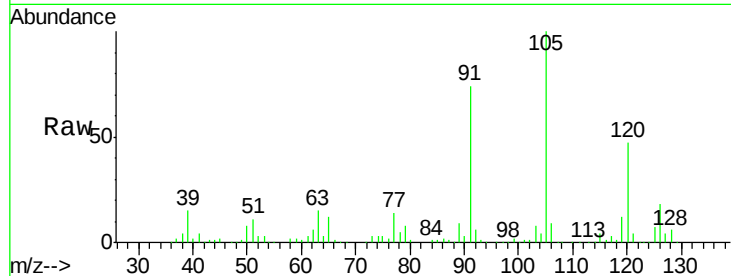
ICVVU090920

Tgt Ion:105 Resp: 373868

Ion Ratio Lower Upper

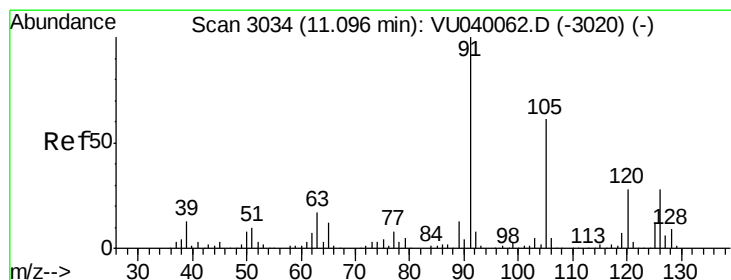
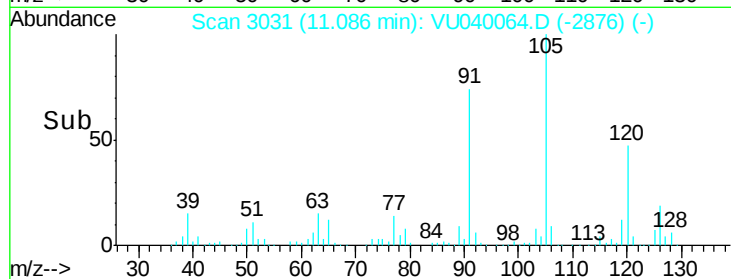
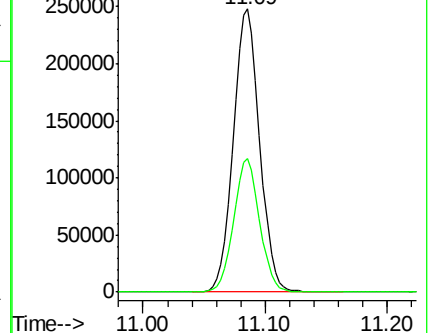
105 100

120 46.3 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.979 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040064.D

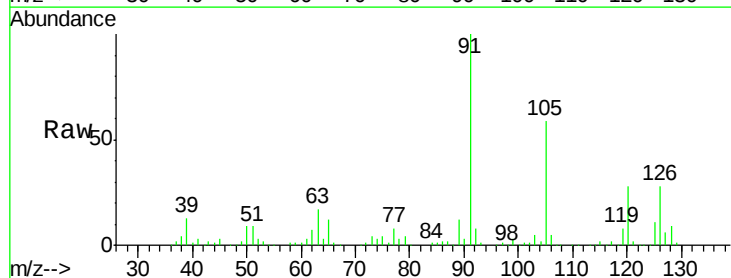
Acq: 09 Sep 2020 13:57

Tgt Ion:126 Resp: 101046

Ion Ratio Lower Upper

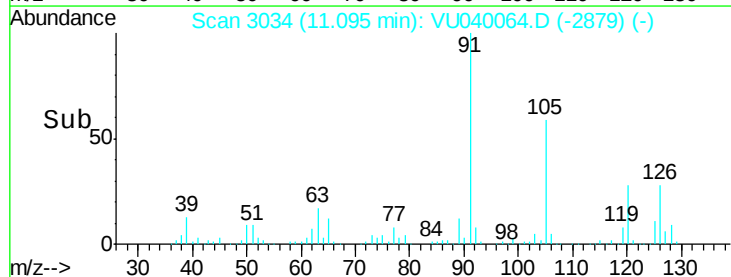
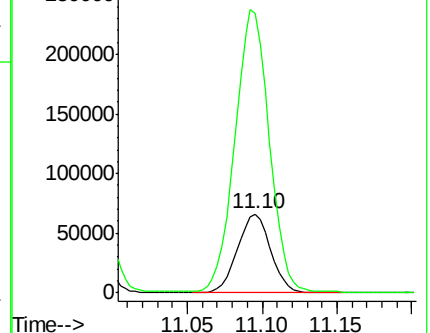
126 100

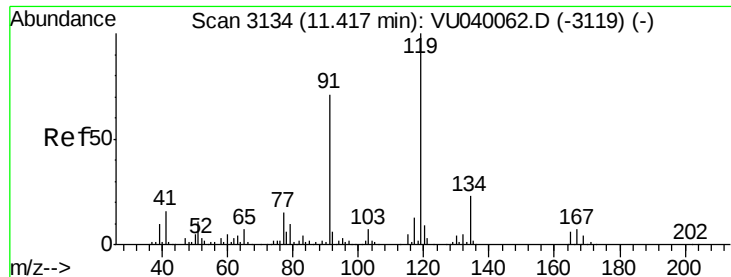
91 373.8 0.0 735.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

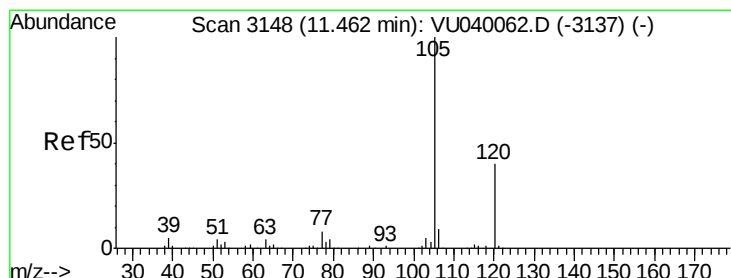
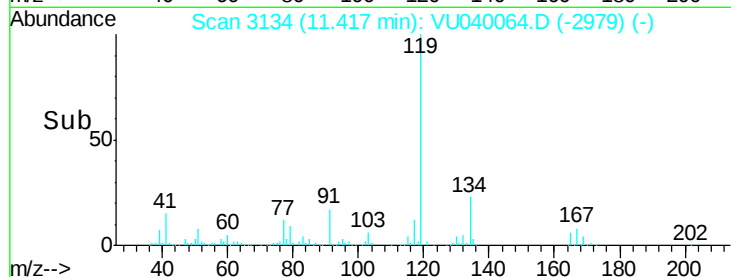
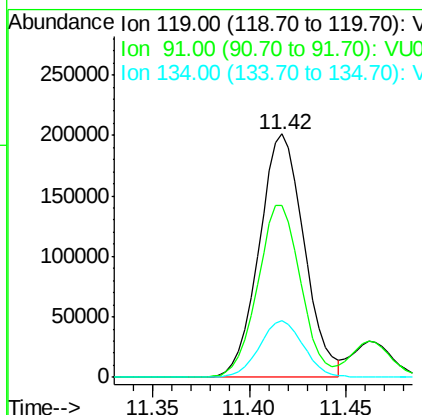
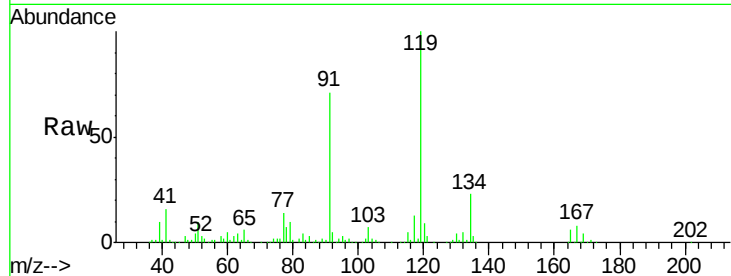




#77
 tert-Butylbenzene
 Concen: 11.208 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

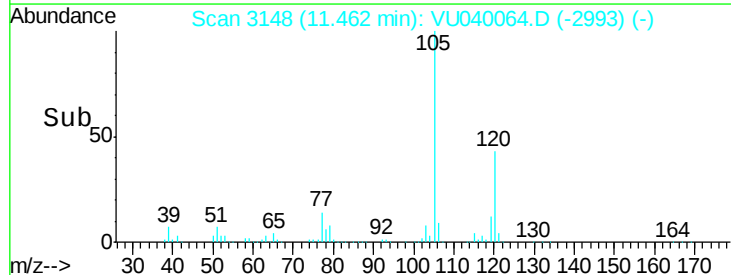
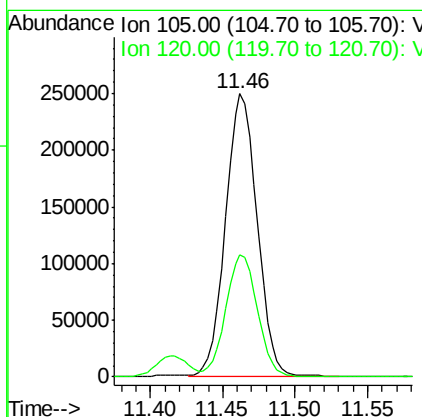
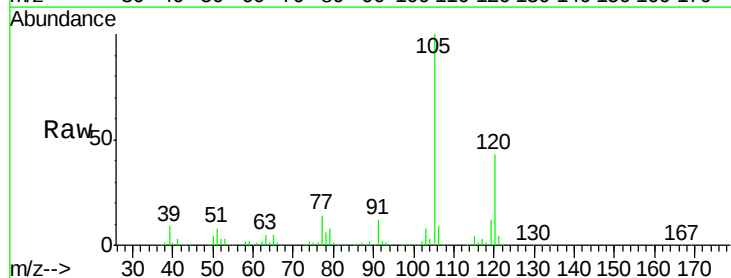
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

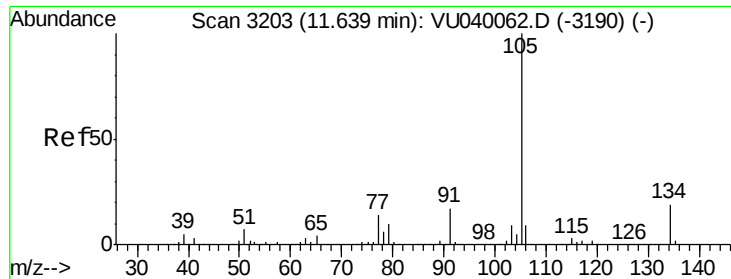
Tgt Ion:119 Resp: 324395
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.2 102.5
 134 23.0 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.528 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:105 Resp: 376222
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.9 65.5

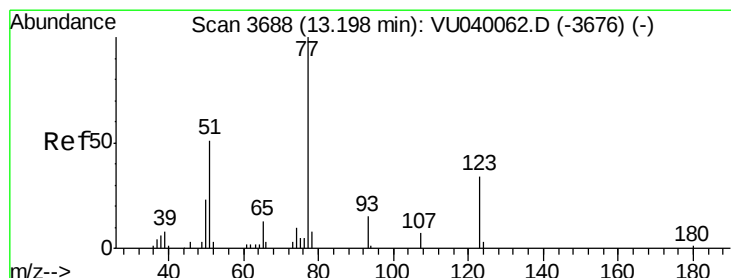
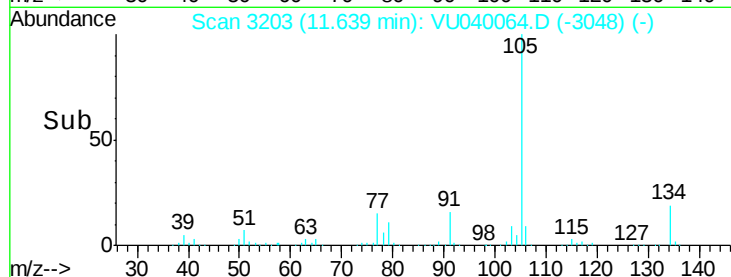
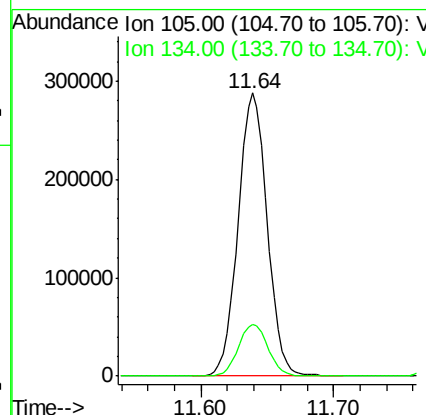
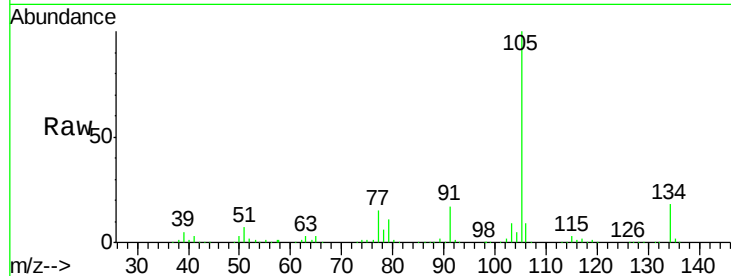




#79
 sec-Butylbenzene
 Concen: 10.415 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

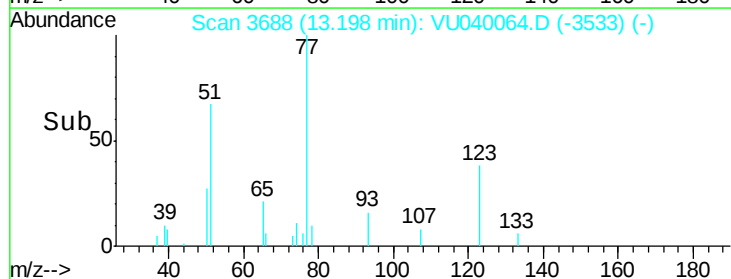
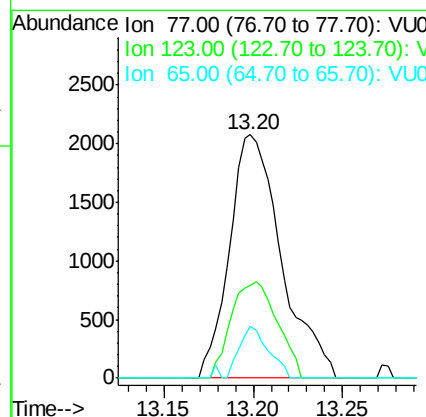
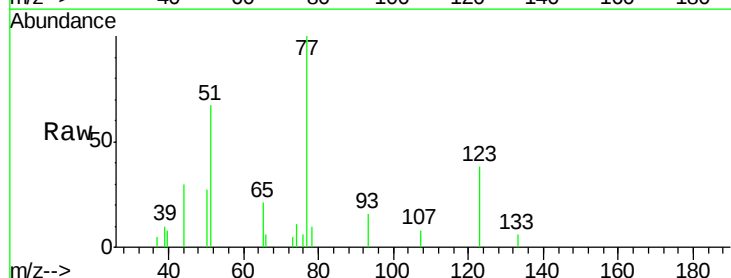
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

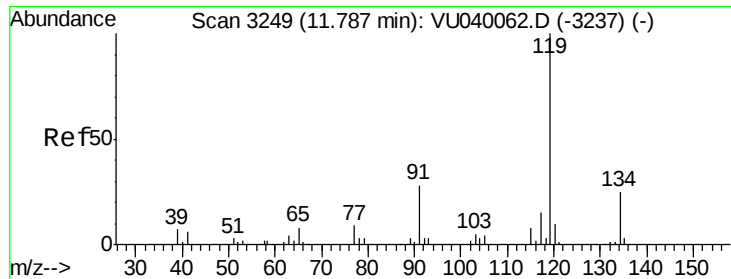
Tgt Ion: 105 Resp: 436650
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4



#80
 Nitrobenzene
 Concen: 11.724 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 77 Resp: 4217
 Ion Ratio Lower Upper
 77 100
 123 35.2 16.4 58.0
 65 12.0 12.5 15.9#

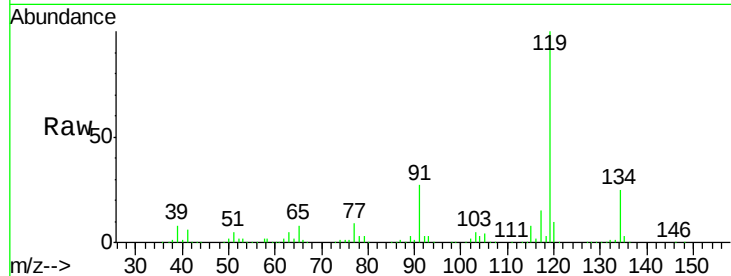




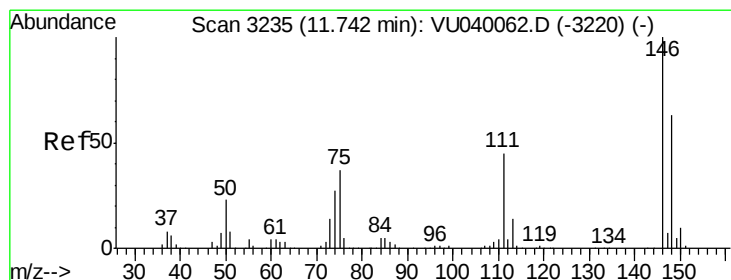
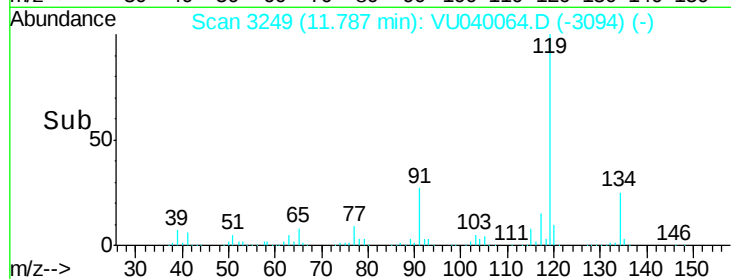
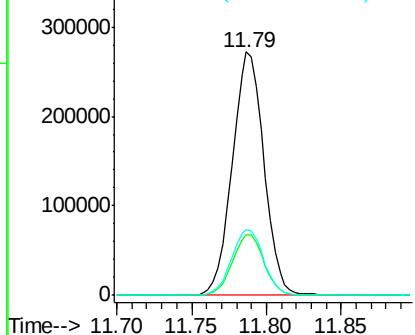
#81
 p-Isopropyltoluene
 Concen: 11.927 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Tgt Ion:119 Resp: 398173
 Ion Ratio Lower Upper
 119 100
 134 24.8 20.3 30.5
 91 27.3 22.2 33.2

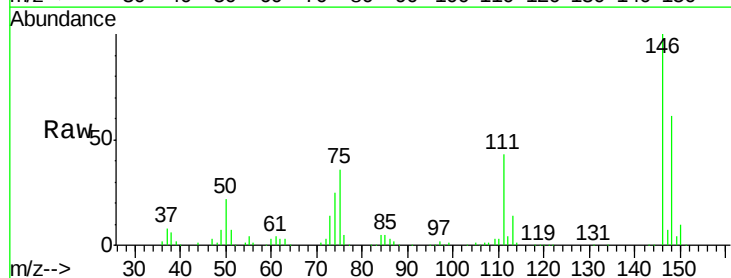


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

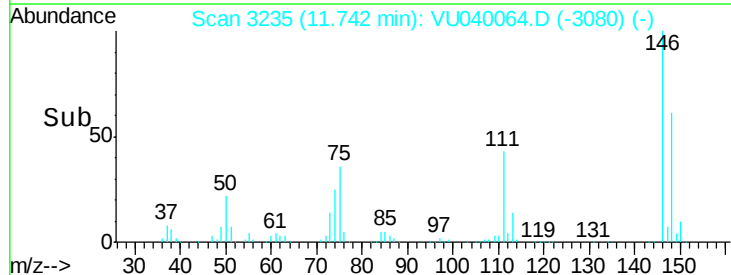
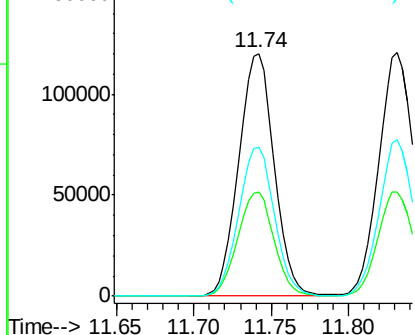


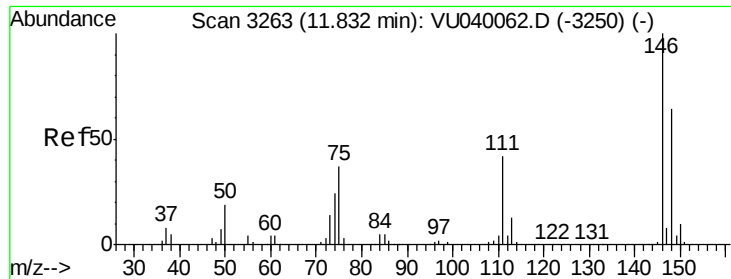
#82
 1,3-Dichlorobenzene
 Concen: 10.519 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:146 Resp: 192009
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.4 53.0
 148 62.1 49.7 74.5



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

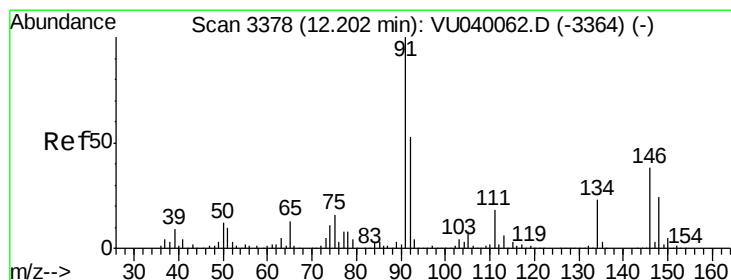
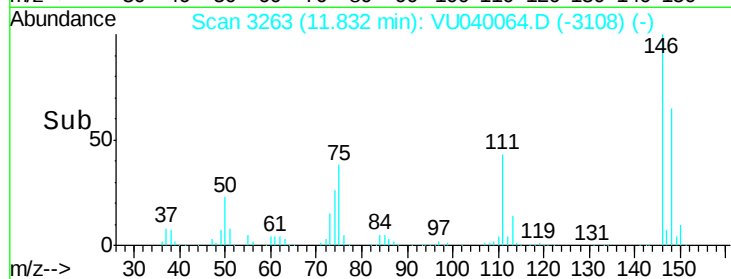
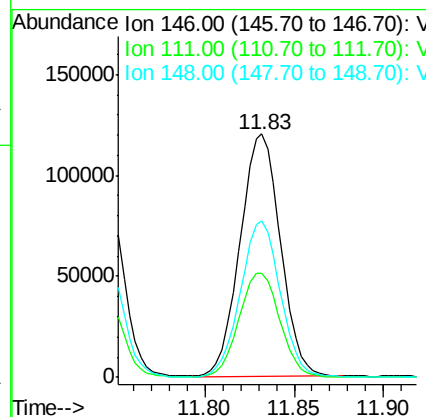
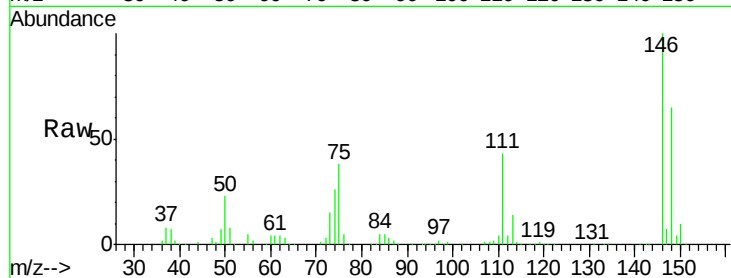




#83
 1,4-Dichlorobenzene
 Concen: 10.471 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

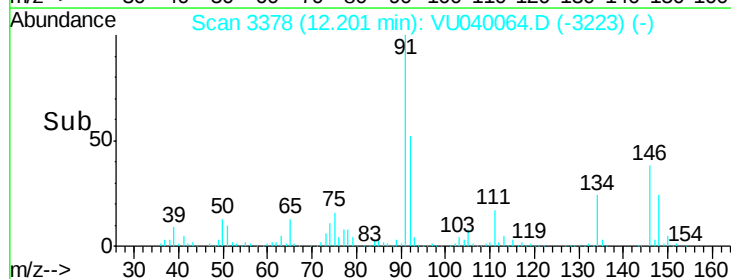
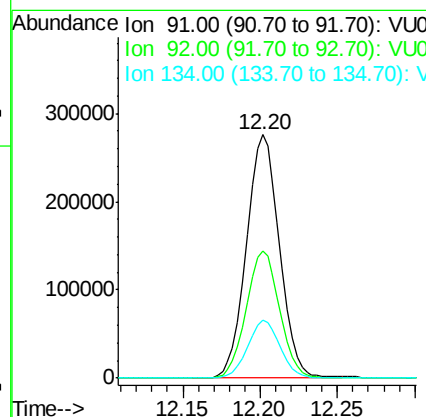
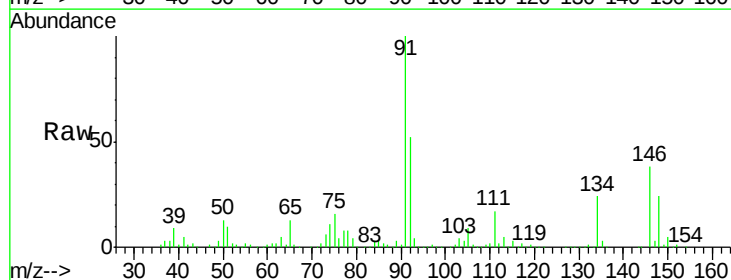
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

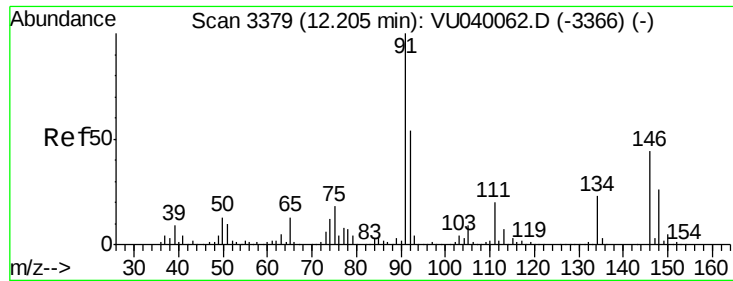
Tgt Ion: 146 Resp: 189943
 Ion Ratio Lower Upper
 146 100
 111 43.4 34.2 51.2
 148 63.2 50.2 75.2



#84
 n-Butylbenzene
 Concen: 11.944 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 91 Resp: 409791
 Ion Ratio Lower Upper
 91 100
 92 52.9 43.0 64.4
 134 23.2 18.6 27.8

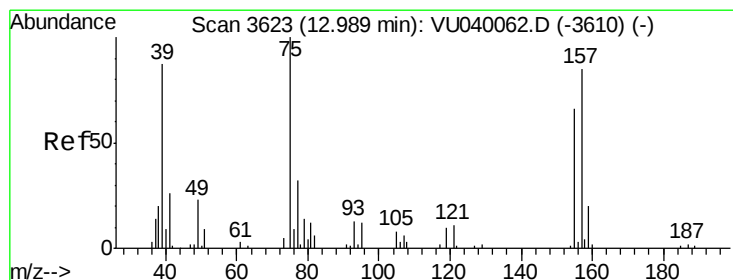
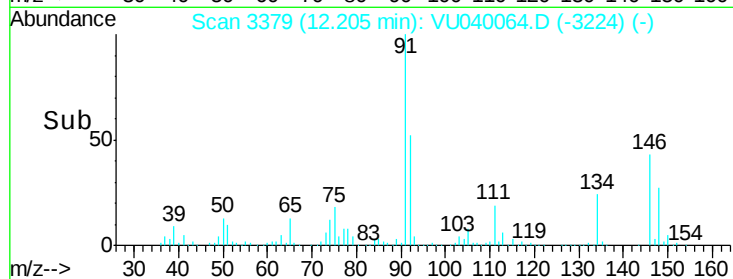
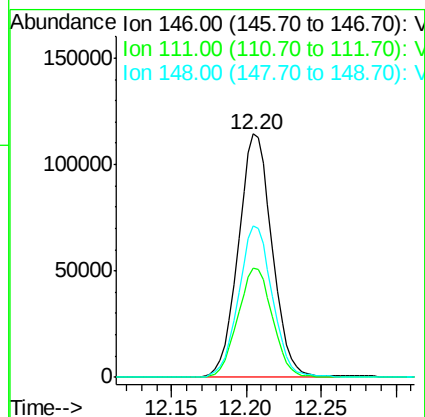
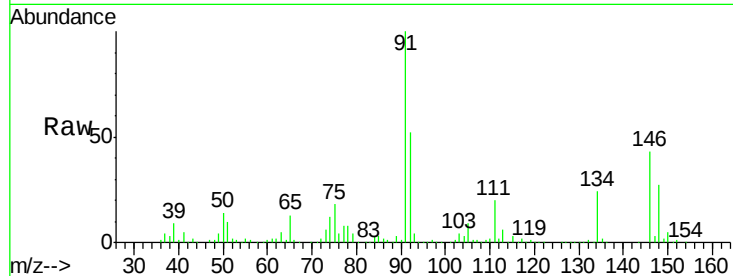




#85
 1,2-Dichlorobenzene
 Concen: 10.252 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

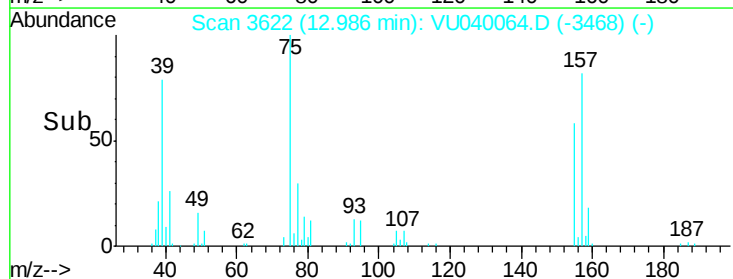
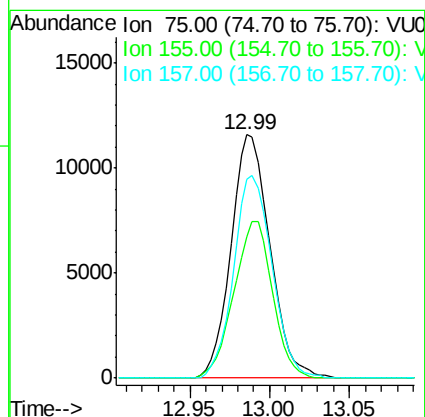
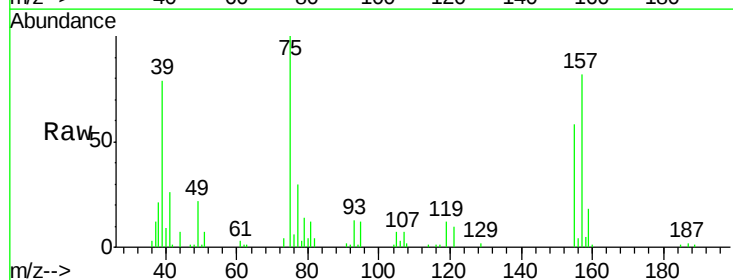
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

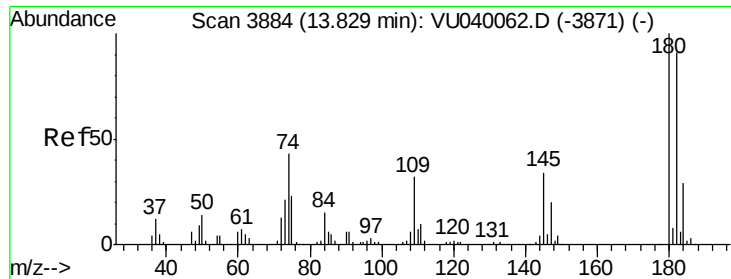
Tgt Ion: 146 Resp: 179946
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.9 68.7
 148 62.3 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.502 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 75 Resp: 19199
 Ion Ratio Lower Upper
 75 100
 155 63.7 53.4 80.0
 157 82.0 65.8 98.8

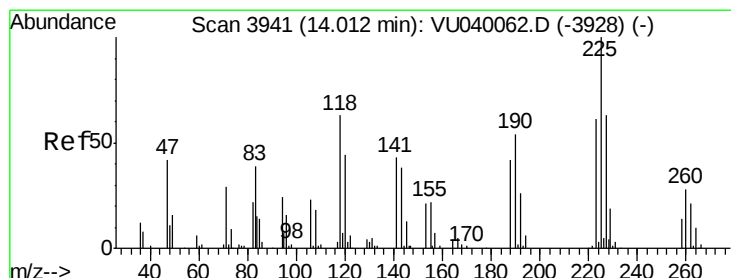
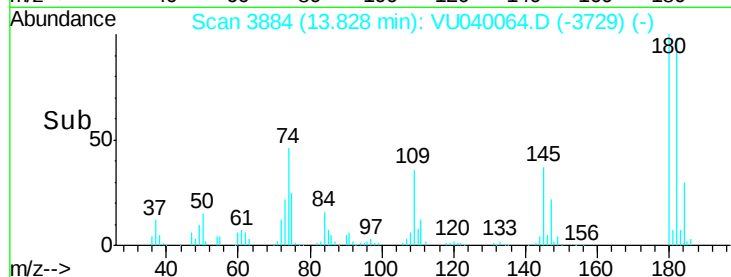
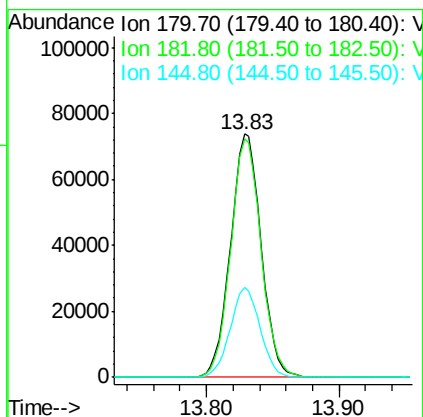
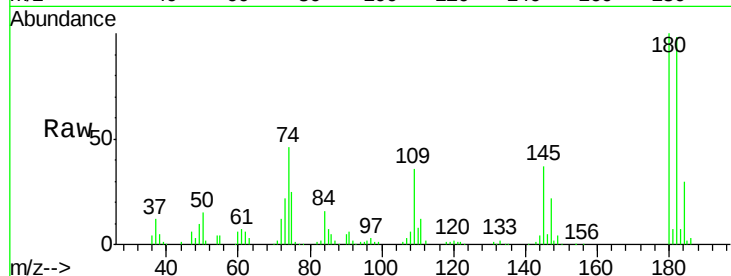




#87
 1,2,4-Trichlorobenzene
 Concen: 11.670 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

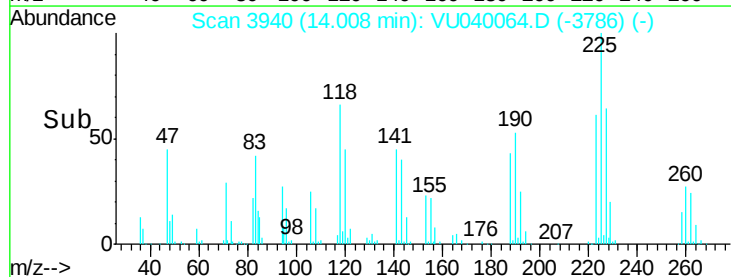
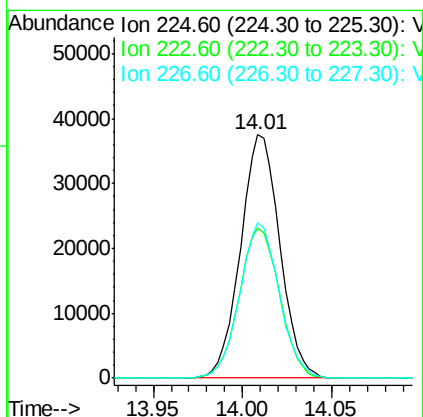
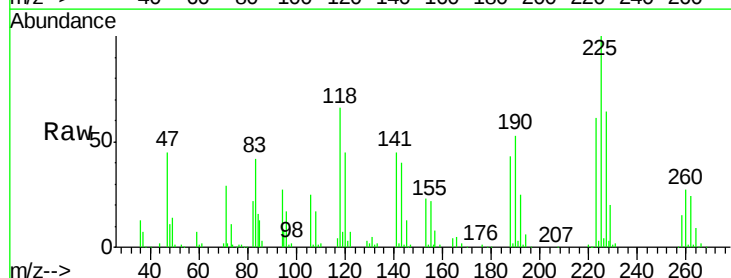
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

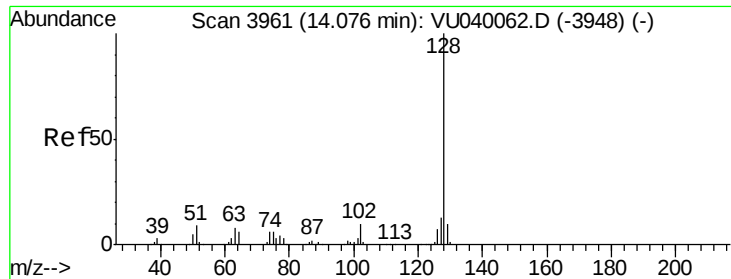
Tgt Ion:180 Resp: 118227
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.0 112.4
 145 35.9 27.7 41.5



#88
 Hexachlorobutadiene
 Concen: 11.005 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:225 Resp: 57672
 Ion Ratio Lower Upper
 225 100
 223 63.0 50.7 76.1
 227 63.8 51.1 76.7





#89

Naphthalene

Concen: 10.337 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

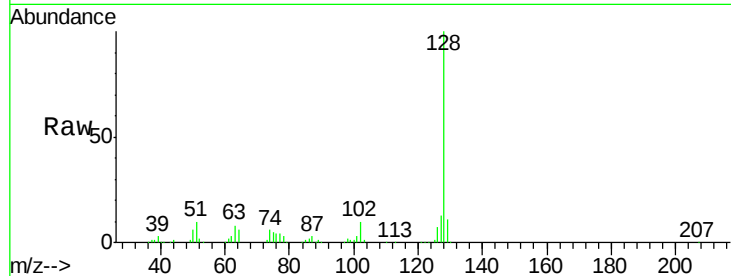
Tgt Ion:128 Resp: 255736

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

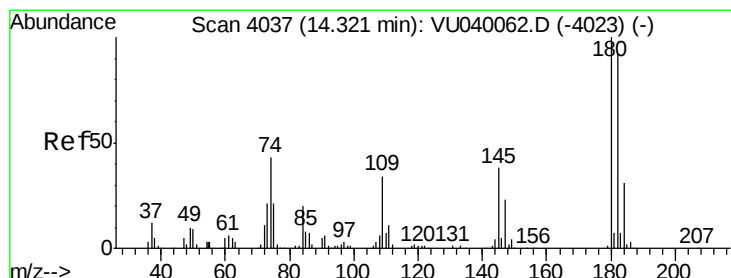
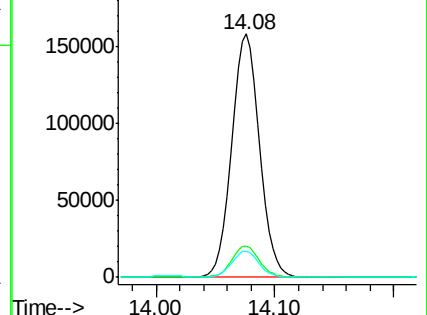
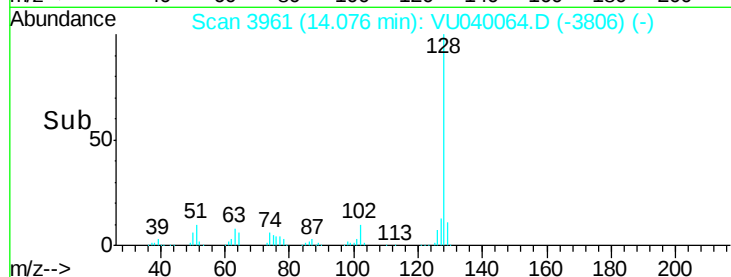
129 10.8 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.719 ug/l

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

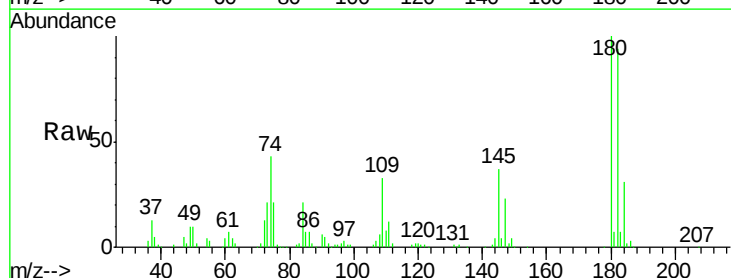
Tgt Ion:180 Resp: 110579

Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 37.5 30.6 45.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

