

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040068.D
 Acq On : 09 Sep 2020 18:13
 Operator : SY/MD
 Sample : VU0909WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Quant Time: Sep 10 04:14:11 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	27720	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	10376	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	9781	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	15380	1.954 ug/l	99
3) Chloromethane	1.53	50	16359	1.965 ug/l	98
4) Vinyl Chloride	1.61	62	16107	1.967 ug/l	98
5) Bromomethane	1.87	94	10970	1.736 ug/l	100
6) Chloroethane	1.94	64	9836	1.822 ug/l	94
7) Trichlorofluoromethane	2.15	101	24411	1.986 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	14144	1.995 ug/l	99
9) 1,1-Dichloroethene	2.59	96	11315	1.887 ug/l	96
10) Iodomethane	2.74	142	9345	1.991 ug/l	96
11) Allyl Chloride	2.93	41	22431	1.894 ug/l	97
12) Acrylonitrile	3.34	53	7837	3.760 ug/l	94
13) Acetone	2.65	43	19426	10.169 ug/l	97
14) Carbon Disulfide	2.81	76	32473	1.950 ug/l	98
15) Methylene Chloride	3.06	84	16041	1.693 ug/l	95
16) trans-1,2-Dichloroethene	3.37	96	13590	2.088 ug/l	99
17) 1,1-Dichloroethane	3.89	63	27541	1.939 ug/l	98
18) 2-Butanone	4.75	43	31326	10.751 ug/l	100
19) Cyclohexane	5.40	56	20876	1.770 ug/l	90
20) Methylcyclohexane	6.77	83	18906	1.729 ug/l	96
21) 2,2-Dichloropropane	4.68	77	25922	1.922 ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	14985	1.977 ug/l	98
23) Diethyl Ether	2.39	59	11315	1.992 ug/l	100
24) tert-Butyl Alcohol	3.24	59	15100	19.752 ug/l #	80
25) Methyl tert-Butyl Ether	3.38	73	37214	1.861 ug/l	93
26) Bromochloromethane	4.99	128	6594	2.002 ug/l	98
27) Chloroform	5.11	83	28606	1.984 ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	24279	1.936 ug/l	98
29) 1,1-Dichloropropene	5.54	75	20878	1.957 ug/l	99
30) Carbon Tetrachloride	5.54	117	22303	1.961 ug/l	92
31) Isopropyl Ether	4.02	45	47737	1.952 ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43797	1.976 ug/l	100
33) Tert-Amyl methyl ether	5.97	73	35144	1.801 ug/l	100
34) Propionitrile	4.81	54	7877	10.678 ug/l #	89
35) Benzene	5.79	78	57381	1.942 ug/l	98
36) 1,2-Dichloroethane	5.82	62	22939	1.996 ug/l	99
37) Trichloroethene	6.55	130	14418	1.919 ug/l	87
38) 1,2-Dichloropropane	6.80	63	16336	1.910 ug/l	99
39) Methacrylonitrile	5.00	41	6788	1.720 ug/l #	93
40) Methyl acrylate	4.87	55	10136	2.003 ug/l	97
41) Tetrahydrofuran	5.09	42	7909	4.171 ug/l	92
42) 1-Chlorobutane	5.47	56	31007	1.967 ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
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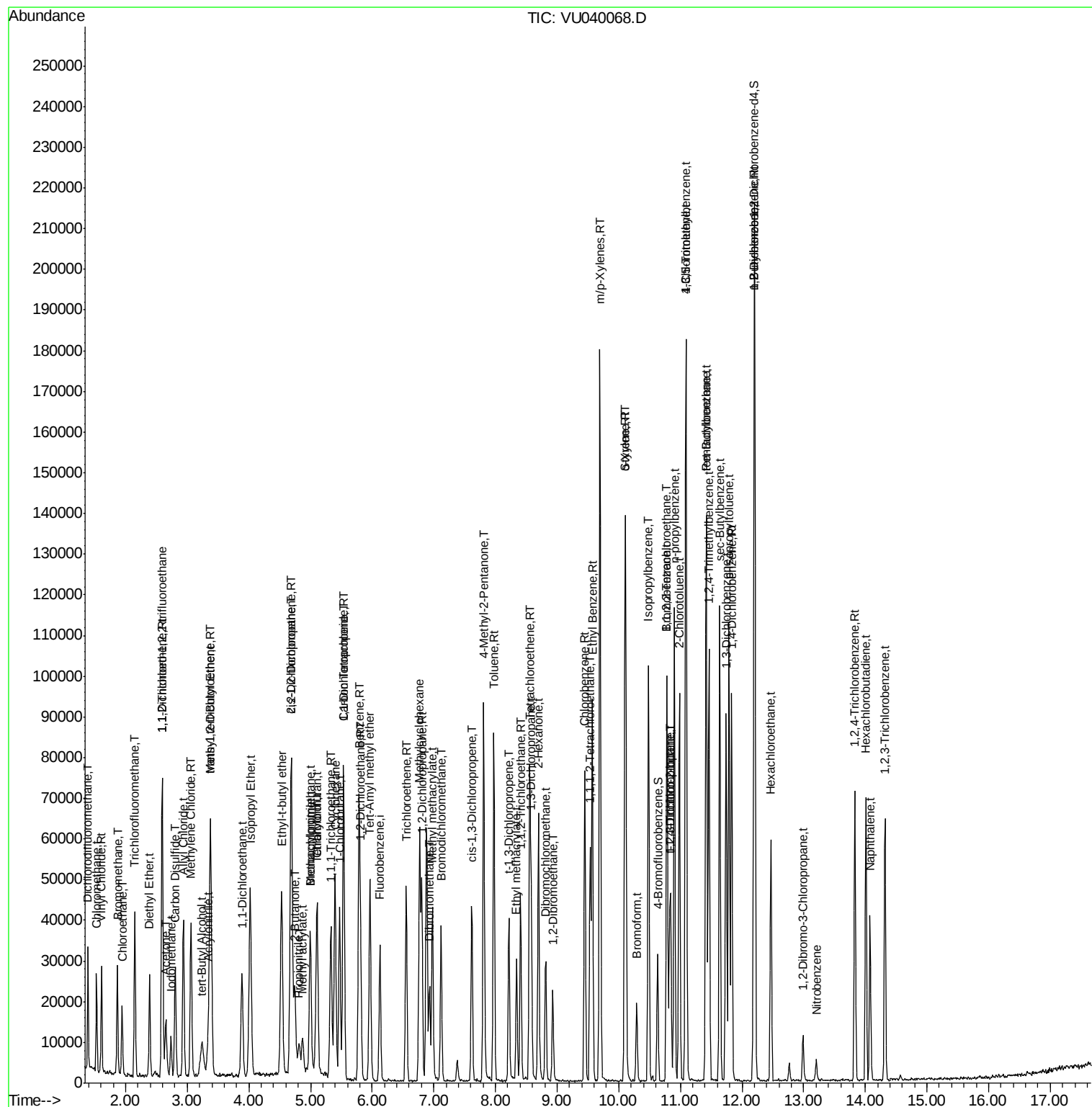
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	8735	1.767	ug/l	92
44) Bromodichloromethane	7.12	83	22845	1.925	ug/l	94
45) 4-Methyl-2-Pentanone	7.81	43	63022	9.358	ug/l	94
46) t-1,4-Dichloro-2-butene	10.83	75	20787	8.068	ug/l #	53
47) Methyl methacrylate	6.98	69	15546	3.669	ug/l	97
48) Ethyl methacrylate	8.34	69	13286	1.725	ug/l	93
49) Toluene	7.97	92	32314	1.810	ug/l	95
50) t-1,3-Dichloropropene	8.22	75	19767	1.847	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	21699	1.821	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	12775	2.017	ug/l	97
53) 1,3-Dichloropropane	8.58	76	21586	1.898	ug/l	98
54) 2-Hexanone	8.70	43	43596	8.929	ug/l	97
55) Dibromochloromethane	8.81	129	14084	1.906	ug/l	98
56) 1,2-Dibromoethane	8.93	107	11218	1.897	ug/l	99
58) Tetrachloroethene	8.56	164	13947	1.913	ug/l	98
59) Chlorobenzene	9.45	112	37869	1.912	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	14122	1.947	ug/l	99
61) Pentachloroethane	11.42	117	10010	2.024	ug/l	91
62) Hexachloroethane	12.47	117	11406	1.815	ug/l	100
63) Ethyl Benzene	9.57	91	60339	1.786	ug/l	100
64) m/p-Xylenes	9.69	106	46579	3.689	ug/l	100
65) o-Xylene	10.10	106	22812	1.872	ug/l	96
66) Styrene	10.11	104	38142	1.782	ug/l	97
67) Bromoform	10.29	173	7552	1.984	ug/l	99
69) Isopropylbenzene	10.48	105	59037	1.760	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	15733	1.858	ug/l	94
71) 1,2,3-Trichloropropane	10.83	75	20787	3.162	ug/l	75
72) Bromobenzene	10.78	156	14710	1.880	ug/l	100
73) n-propylbenzene	10.91	120	16351	1.773	ug/l	91
74) 2-Chlorotoluene	10.98	126	14853	1.843	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	52098	1.773	ug/l	99
76) 4-Chlorotoluene	11.10	126	16854	1.940	ug/l	92
77) tert-Butylbenzene	11.42	119	48452	1.773	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	55473	1.800	ug/l	100
79) sec-Butylbenzene	11.64	105	71571	1.808	ug/l	99
80) Nitrobenzene	13.20	77	2944	8.669	ug/l #	88
81) p-Isopropyltoluene	11.79	119	57349	1.820	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	32085	1.862	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	33259	1.942	ug/l	98
84) n-Butylbenzene	12.20	91	57977	1.790	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	31389	1.894	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2792	1.772	ug/l	93
87) 1,2,4-Trichlorobenzene	13.83	180	18935	1.980	ug/l	99
88) Hexachlorobutadiene	14.01	225	9767	1.974	ug/l	95
89) Naphthalene	14.08	128	30768	1.798	ug/l	98
90) 1,2,3-Trichlorobenzene	14.32	180	16305	1.830	ug/l	97

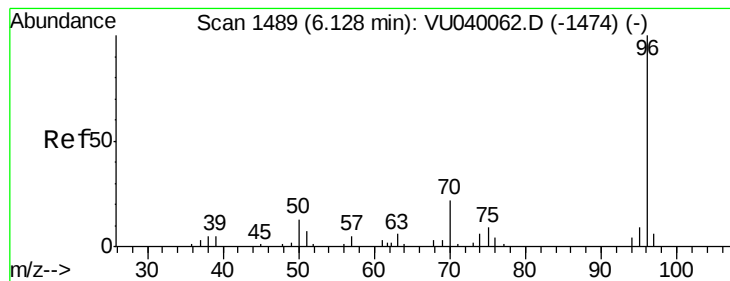
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

Tgt Ion: 96 Resp: 27720

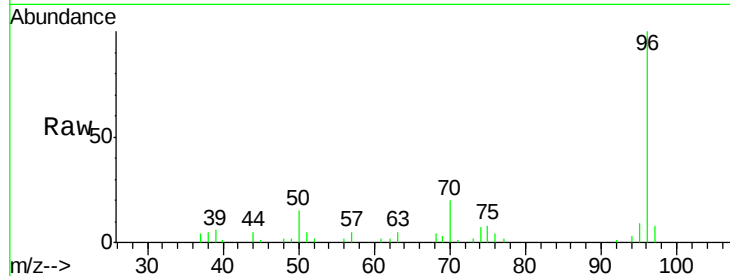
Ion Ratio Lower Upper

96 100

70 21.2 17.1 25.7

95 8.5 7.6 11.4

97 6.9 0.0 0.0#

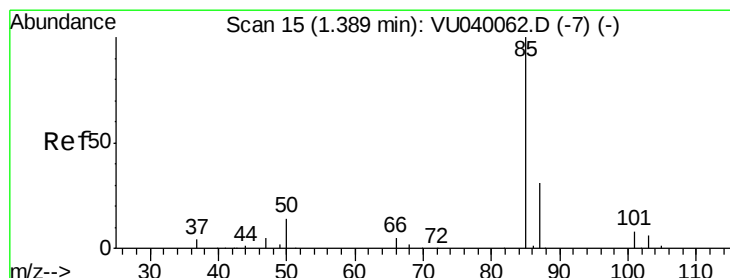
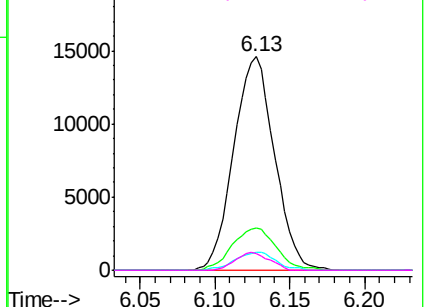
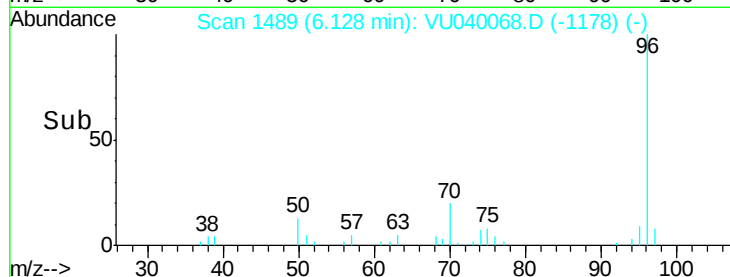


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.954 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040068.D

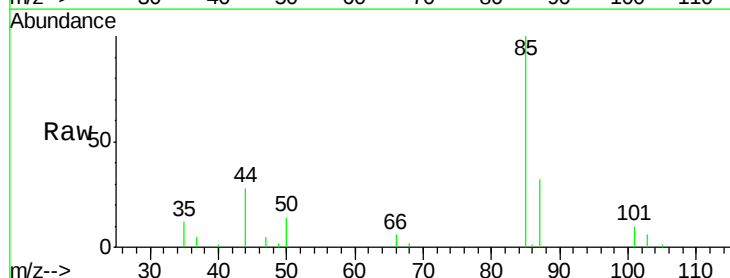
Acq: 09 Sep 2020 18:13

Tgt Ion: 85 Resp: 15380

Ion Ratio Lower Upper

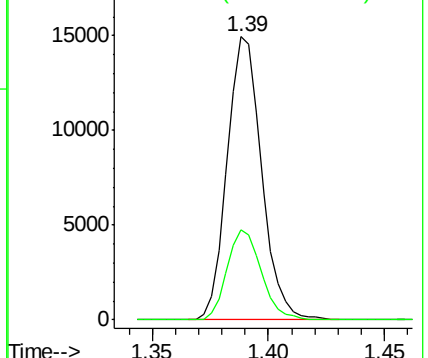
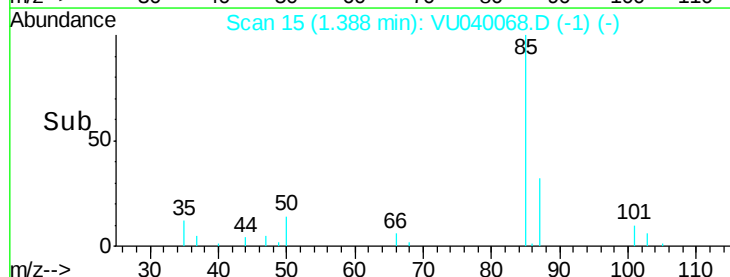
85 100

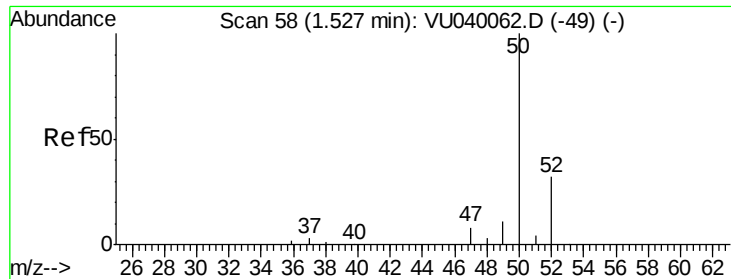
87 32.0 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

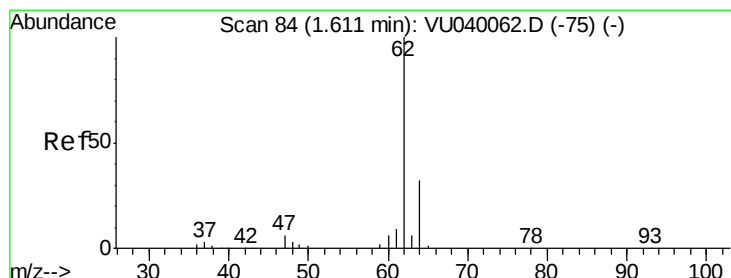
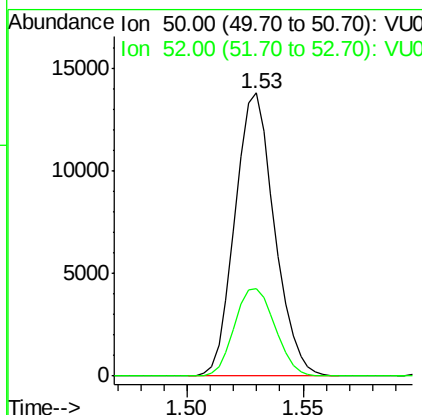
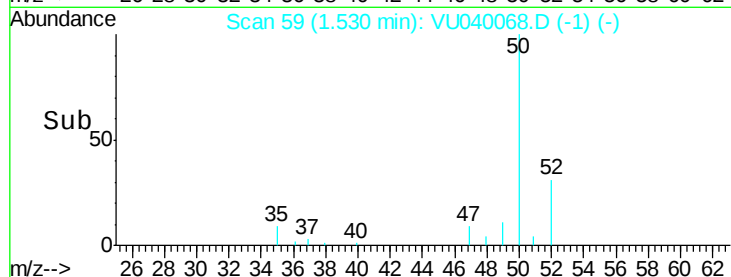
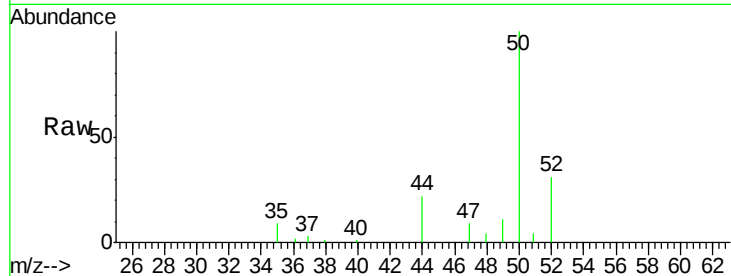




#3
 Chloromethane
 Concen: 1.965 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

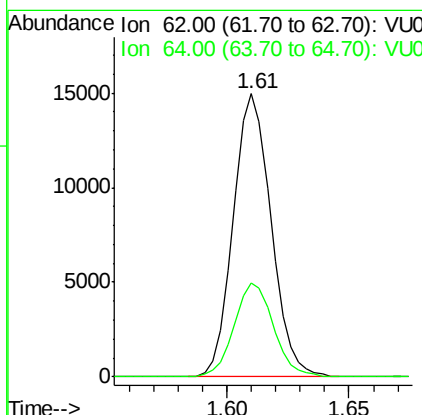
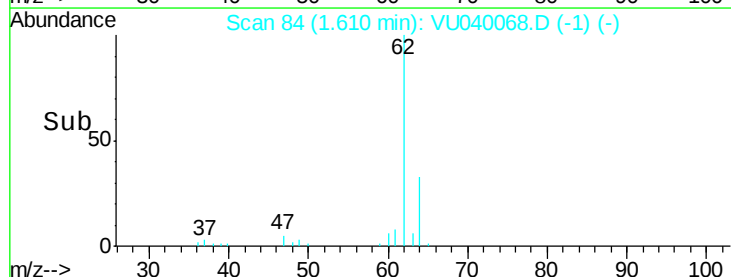
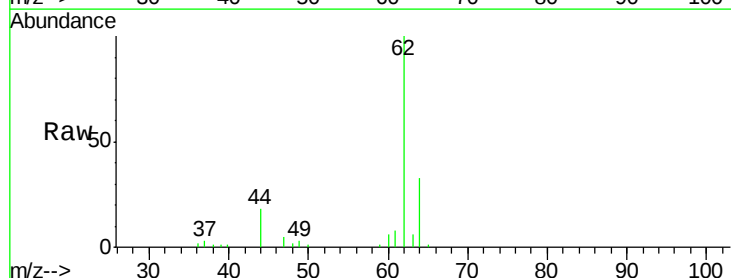
Instrument :
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 VU0909WBSD01

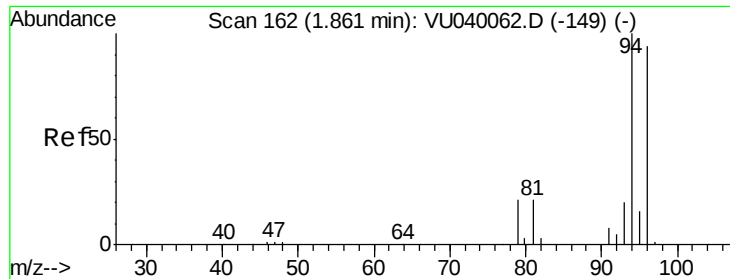
Tgt Ion: 50 Resp: 16359
 Ion Ratio Lower Upper
 50 100
 52 31.1 25.9 38.9



#4
 Vinyl Chloride
 Concen: 1.967 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 62 Resp: 16107
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.4 38.0





#5

Bromomethane

Concen: 1.736 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

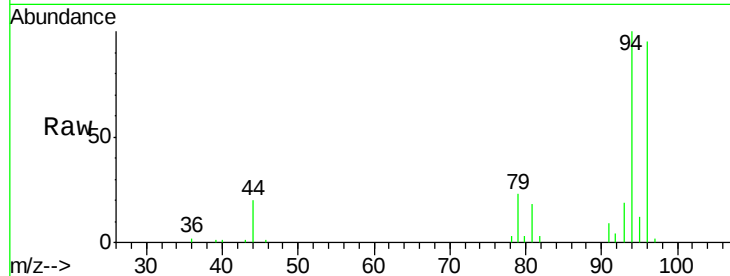
VU0909WBSD01

Tgt Ion: 94 Resp: 10970

Ion Ratio Lower Upper

94 100

96 94.6 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VU040062.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040062.D (-149) (-)

1.87

10000

8000

6000

4000

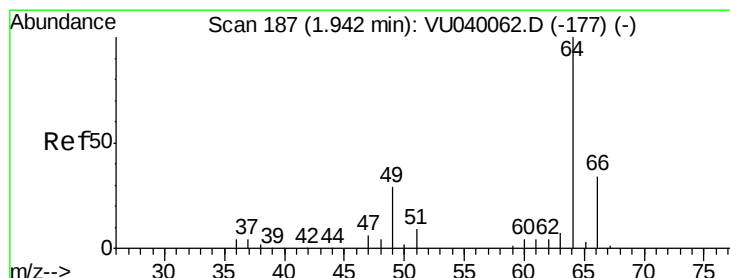
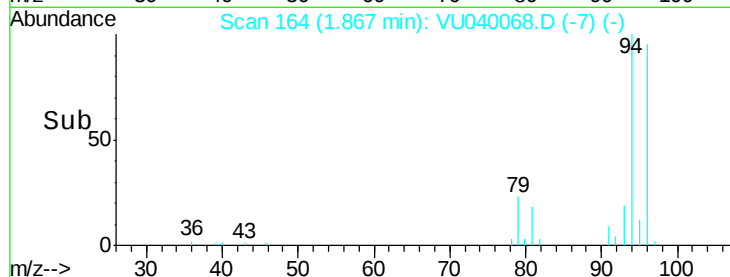
2000

0

1.85

1.90

Time-->



#6

Chloroethane

Concen: 1.822 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040068.D

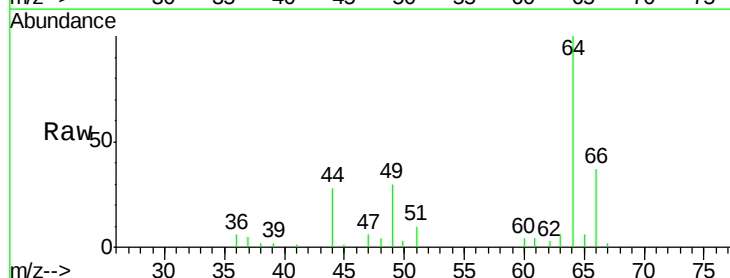
Acq: 09 Sep 2020 18:13

Tgt Ion: 64 Resp: 9836

Ion Ratio Lower Upper

64 100

66 36.6 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU040062.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040062.D (-177) (-)

1.94

8000

6000

4000

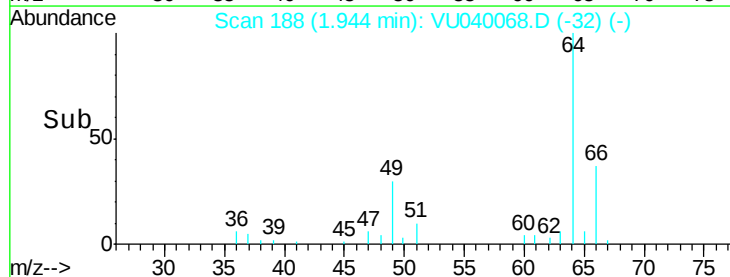
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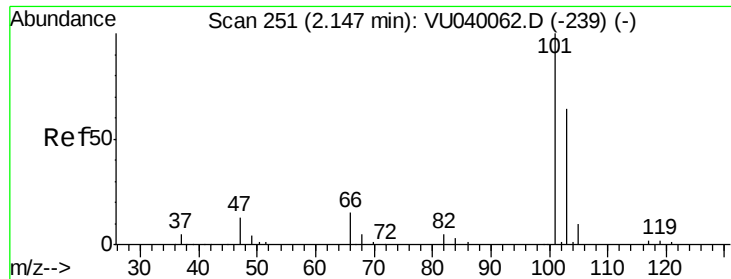
0

1.90

1.95

Time-->



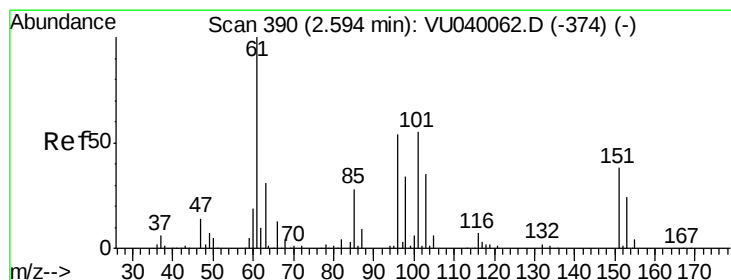
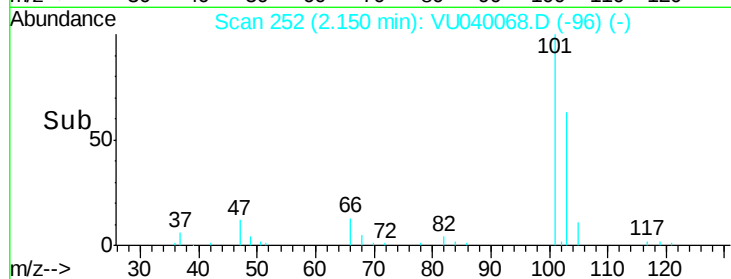
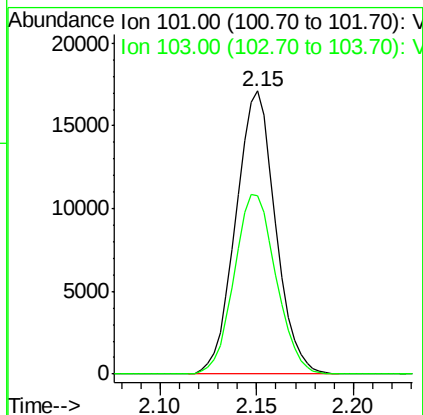
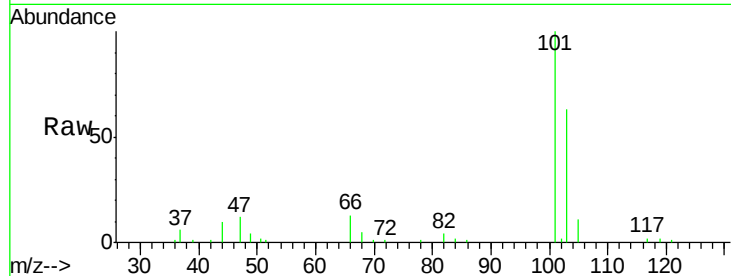


#7

Trichlorofluoromethane
 Concen: 1.986 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Instrument :
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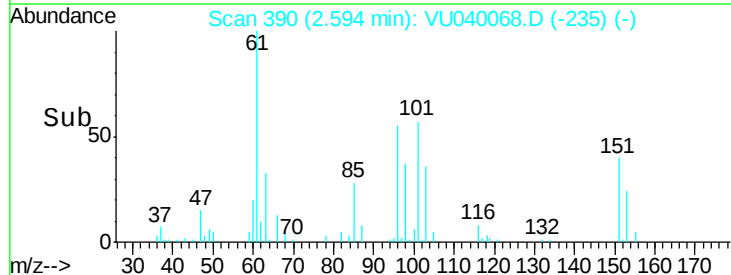
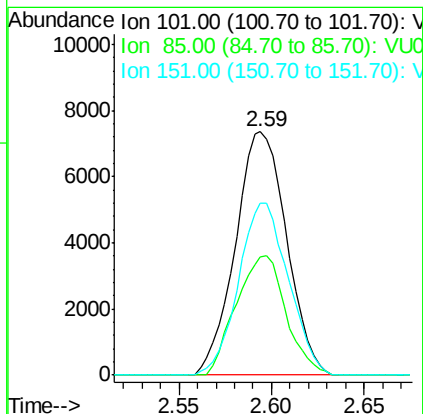
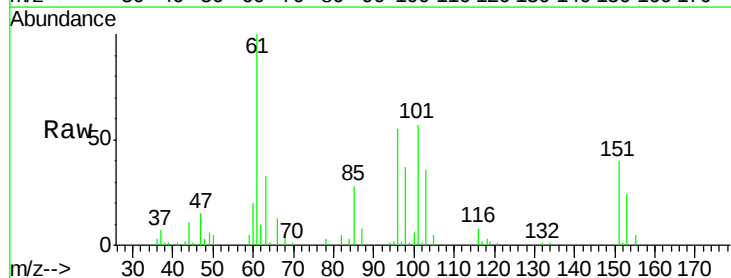
Tgt Ion:101 Resp: 24411
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.8 76.2

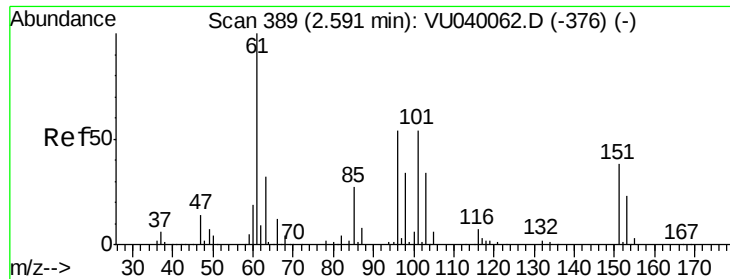


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.995 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion:101 Resp: 14144
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.5 57.7
 151 68.8 54.6 81.8





#9

1,1-Dichloroethene

Concen: 1.887 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

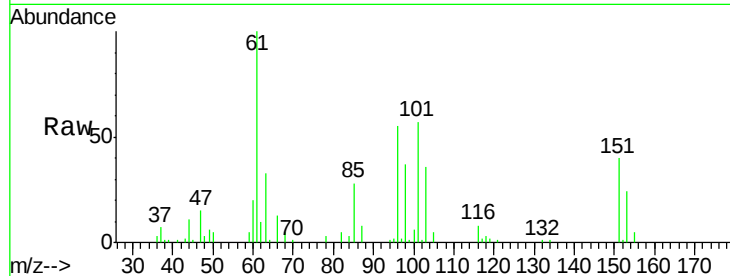
Tgt Ion: 96 Resp: 11315

Ion Ratio Lower Upper

96 100

61 181.7 0.0 557.1

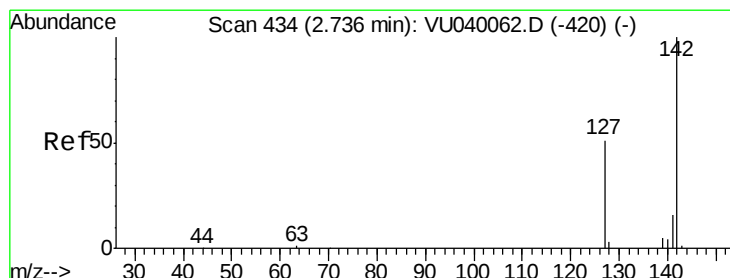
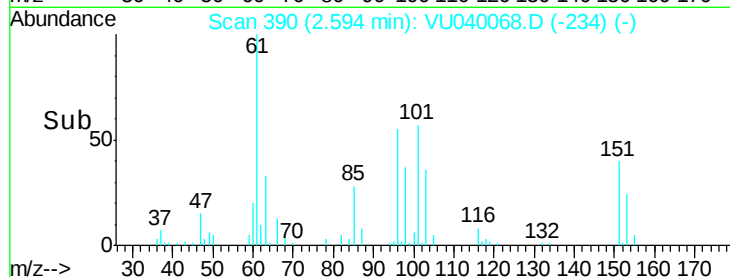
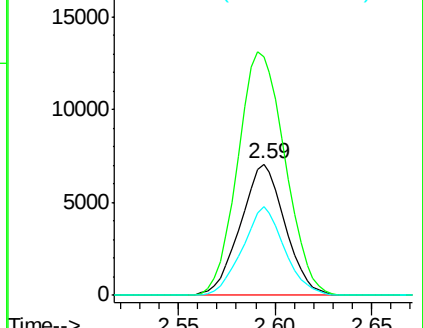
98 67.4 0.0 125.6



Abundance Ion 96.00 (95.70 to 96.70): VU040062.D (-376) (-)

Ion 61.00 (60.70 to 61.70): VU040062.D (-376) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-376) (-)



#10

Iodomethane

Concen: 1.991 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040068.D

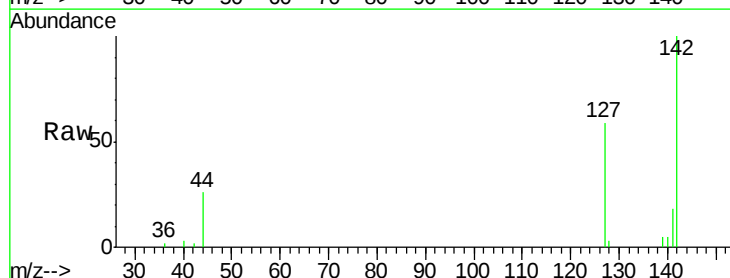
Acq: 09 Sep 2020 18:13

Tgt Ion: 142 Resp: 9345

Ion Ratio Lower Upper

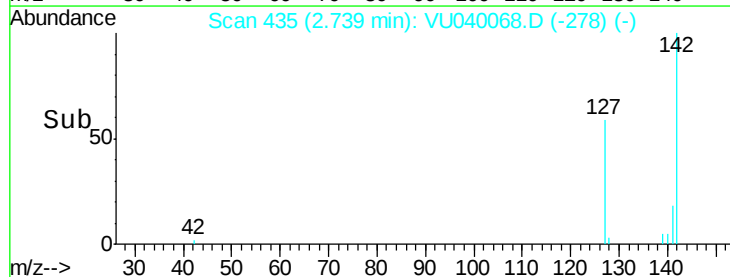
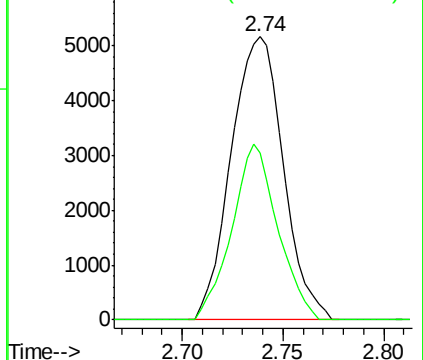
142 100

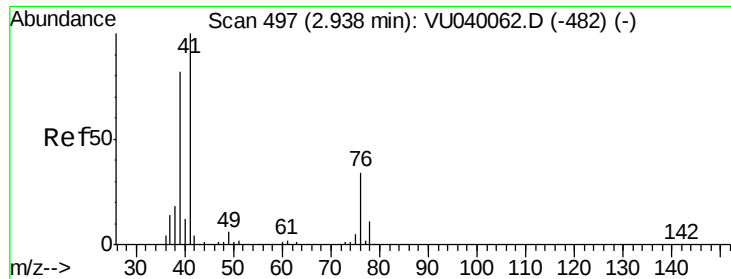
127 54.5 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): VU040062.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU040062.D (-420) (-)

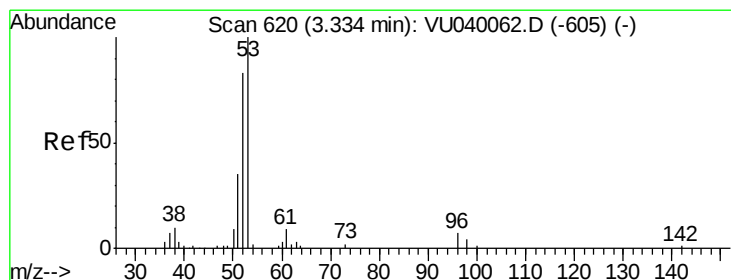
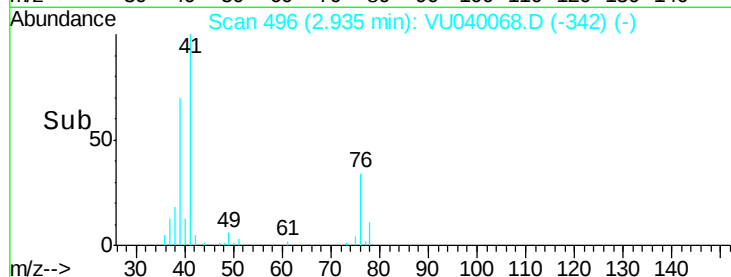
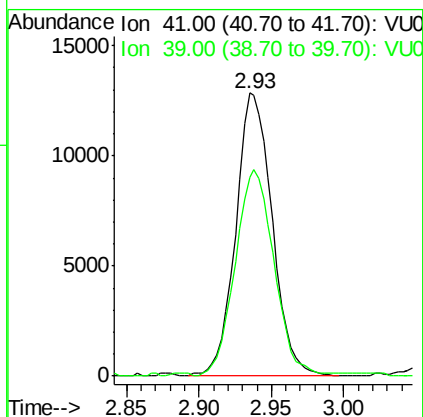
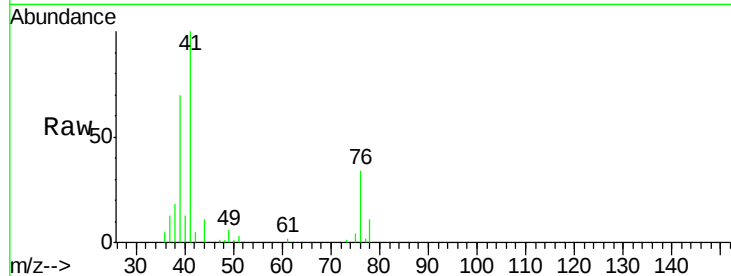




#11
 Allyl Chloride
 Concen: 1.894 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

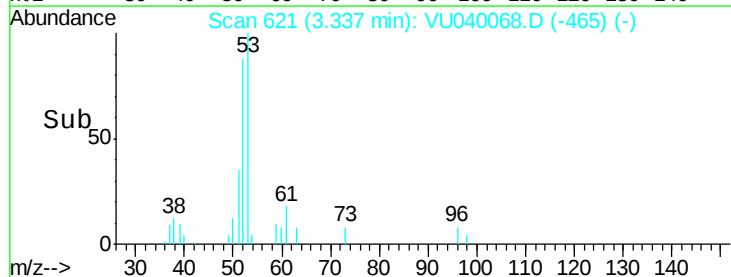
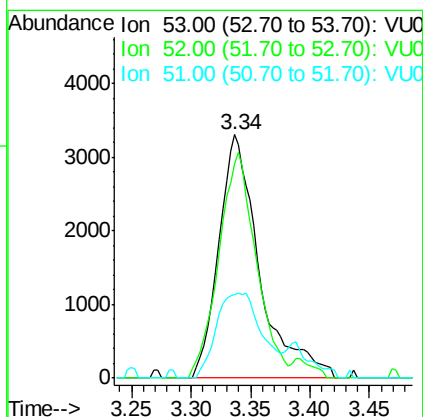
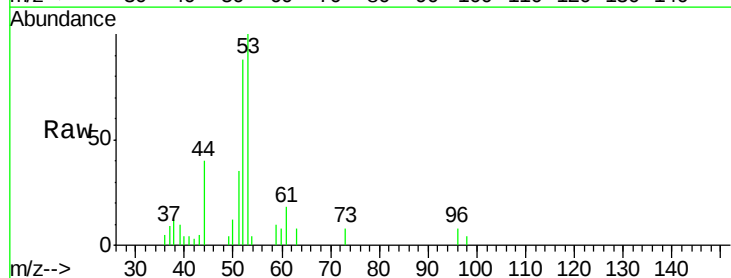
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

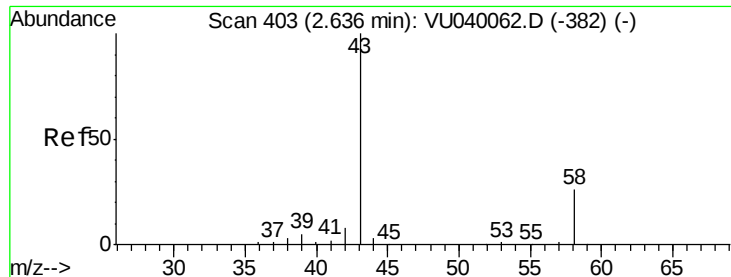
Tgt Ion: 41 Resp: 22431
 Ion Ratio Lower Upper
 41 100
 39 77.7 64.6 96.8



#12
 Acrylonitrile
 Concen: 3.760 ug/l
 RT: 3.34 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 53 Resp: 7837
 Ion Ratio Lower Upper
 53 100
 52 85.0 64.0 96.0
 51 38.7 28.2 42.2





#13

Acetone

Concen: 10.169 ug/l

RT: 2.65 min Scan# 408

Delta R.T. 0.02 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

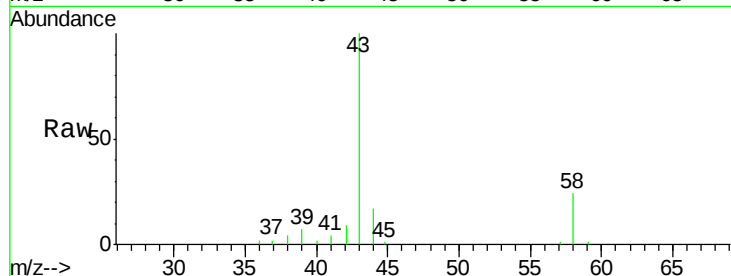
VU0909WBSD01

Tgt Ion: 43 Resp: 19426

Ion Ratio Lower Upper

43 100

58 24.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040062.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU040062.D (-382) (-)

2.65

10000

8000

6000

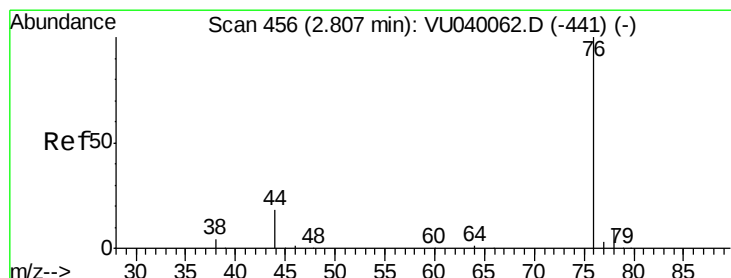
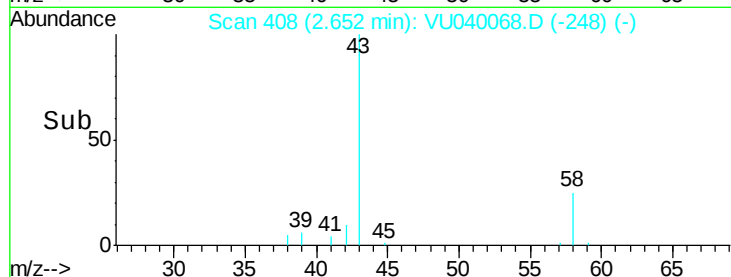
4000

2000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#14

Carbon Disulfide

Concen: 1.950 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040068.D

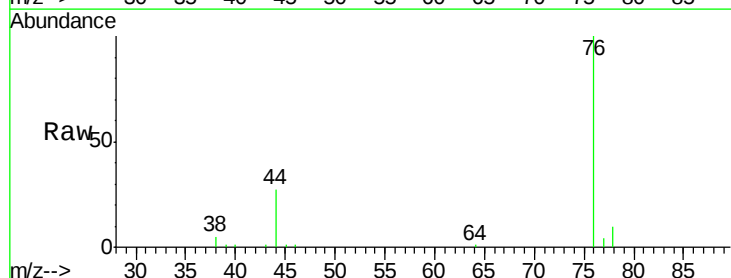
Acq: 09 Sep 2020 18:13

Tgt Ion: 76 Resp: 32473

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040062.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040062.D (-441) (-)

2.81

20000

15000

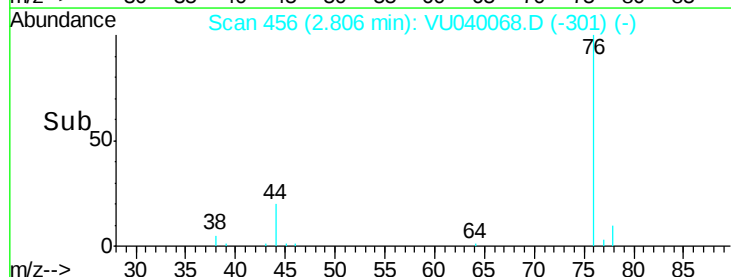
10000

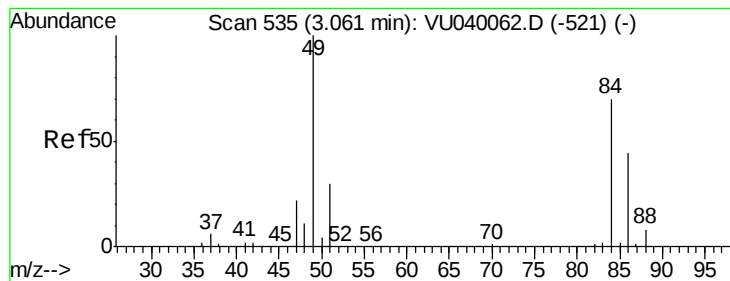
5000

0

Time-->

2.75 2.80 2.85





#15

Methylene Chloride

Concen: 1.693 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

Tgt Ion: 84 Resp: 16041

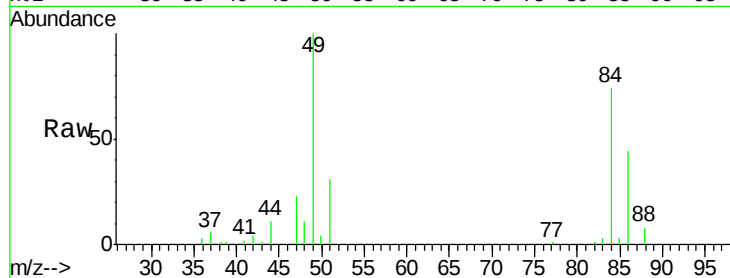
Ion Ratio Lower Upper

84 100

49 135.2 114.3 171.5

51 42.5 0.0 84.6

86 58.9 50.6 76.0

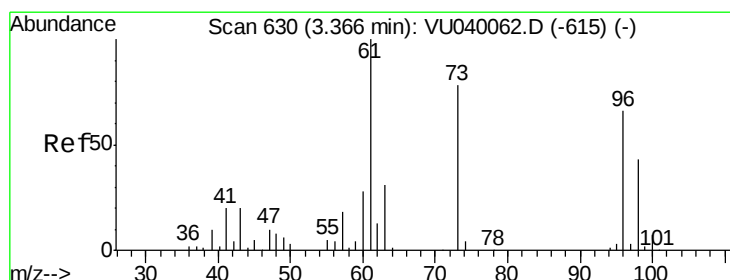
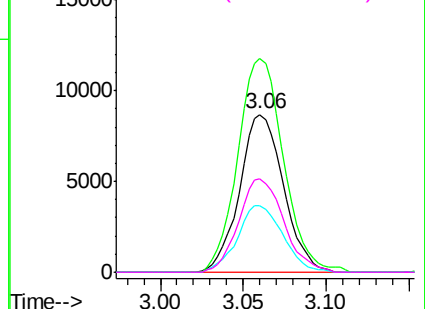
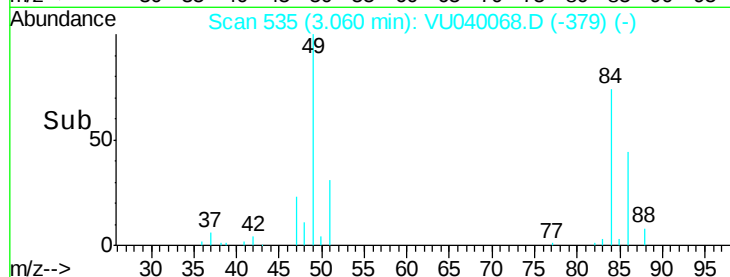


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.088 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

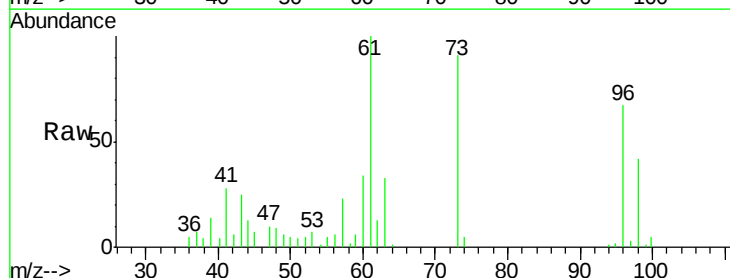
Tgt Ion: 96 Resp: 13590

Ion Ratio Lower Upper

96 100

61 150.3 121.4 182.0

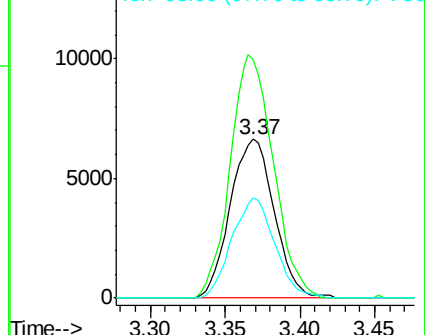
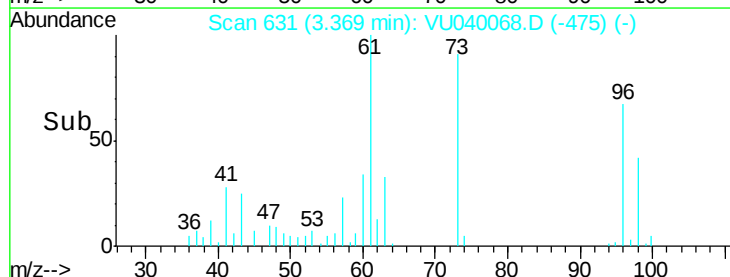
98 63.3 51.9 77.9

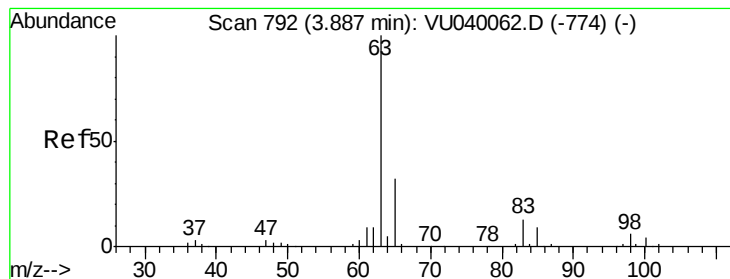


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

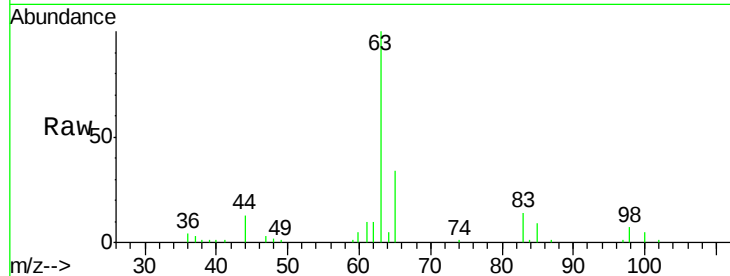




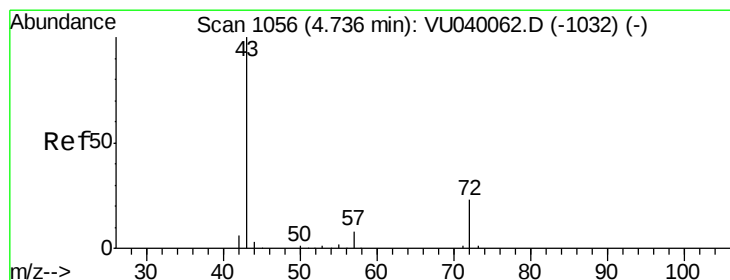
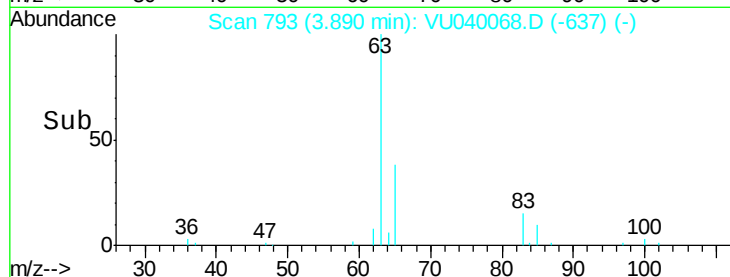
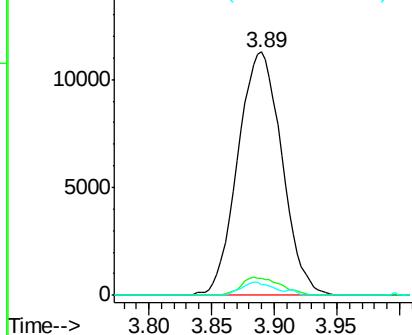
#17
 1,1-Dichloroethane
 Concen: 1.939 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion: 63 Resp: 27541
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.6 2.0 5.8

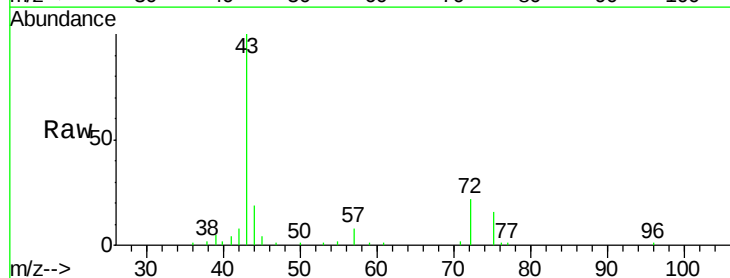


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

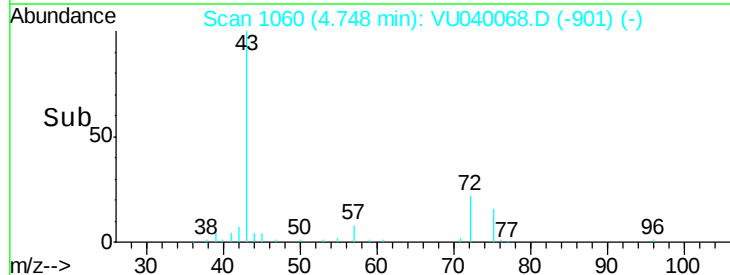
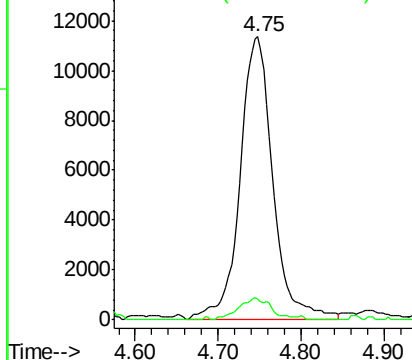


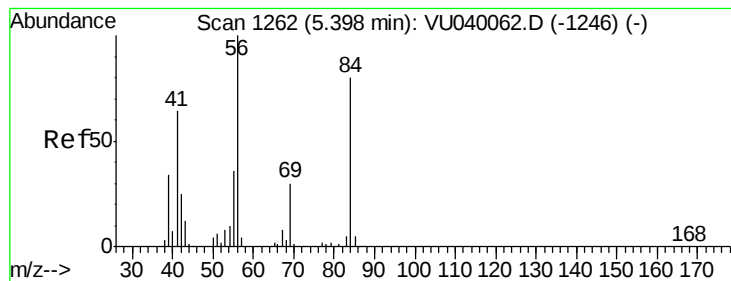
#18
 2-Butanone
 Concen: 10.751 ug/l
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 43 Resp: 31326
 Ion Ratio Lower Upper
 43 100
 57 7.6 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: 1.770 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

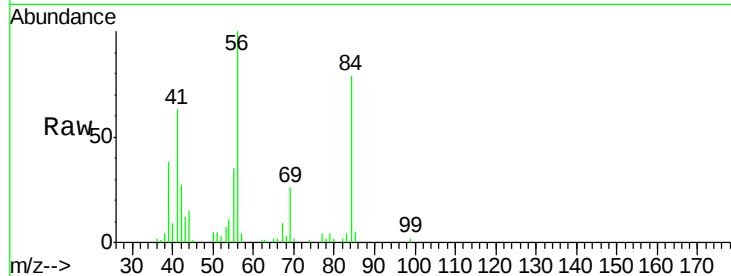
Tgt Ion: 56 Resp: 20876

Ion Ratio Lower Upper

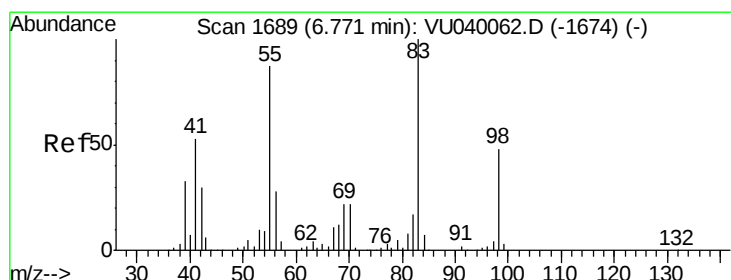
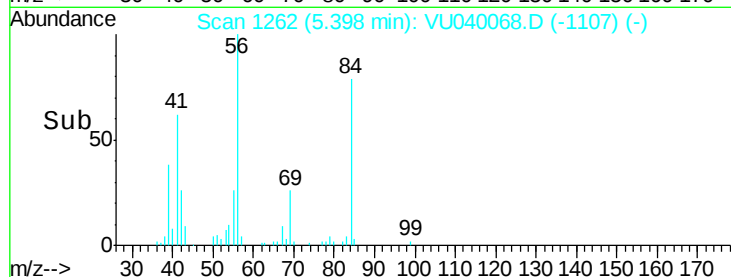
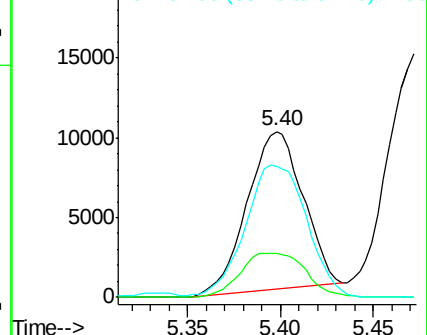
56 100

69 32.4 23.5 35.3

84 90.5 63.8 95.6



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.729 ug/l

RT: 6.77 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

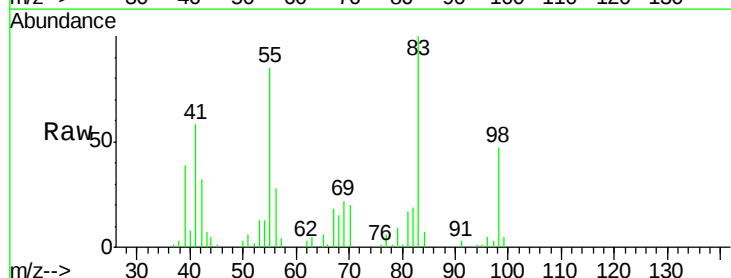
Tgt Ion: 83 Resp: 18906

Ion Ratio Lower Upper

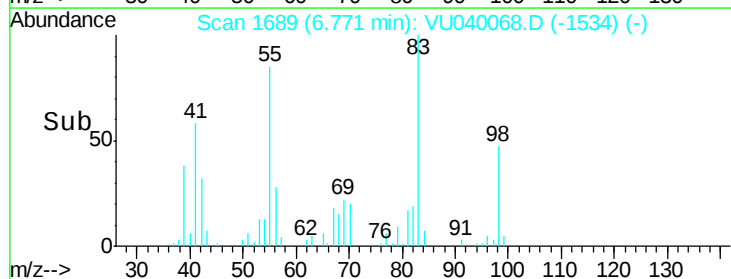
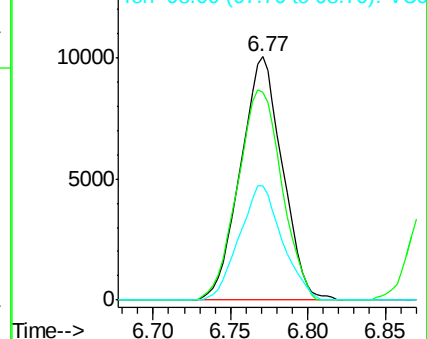
83 100

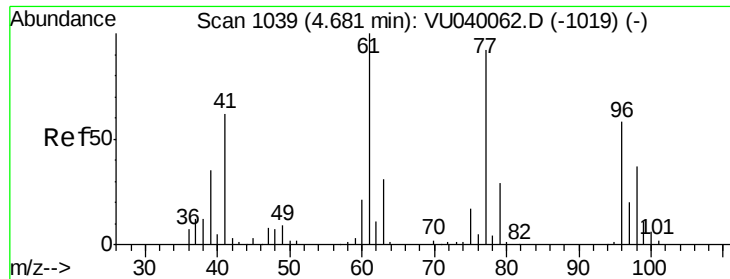
55 91.2 69.4 104.2

98 48.3 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

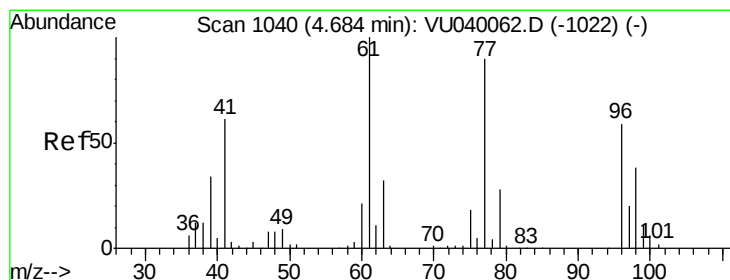
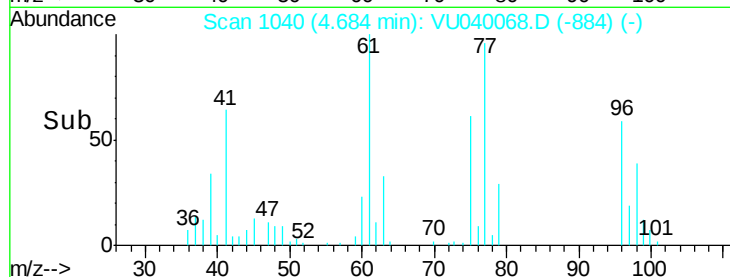
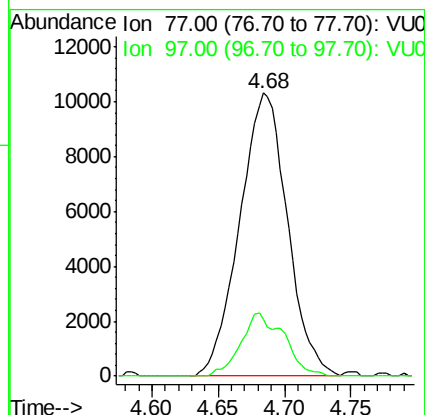
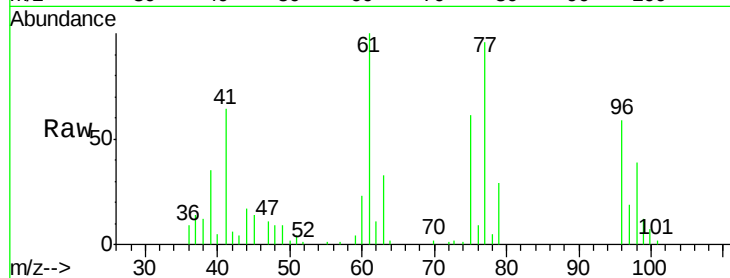




#21
 2,2-Dichloropropane
 Concen: 1.922 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

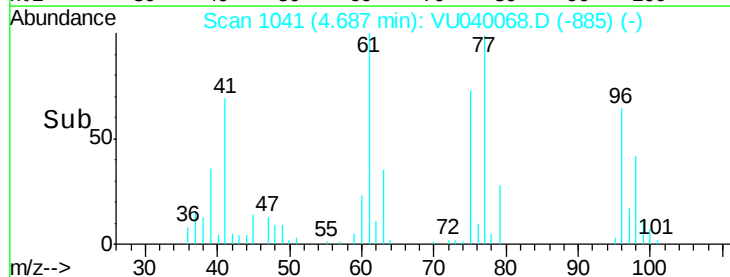
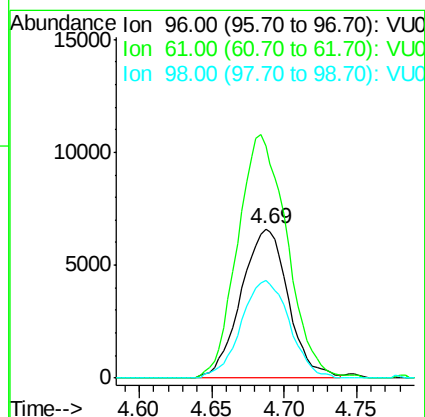
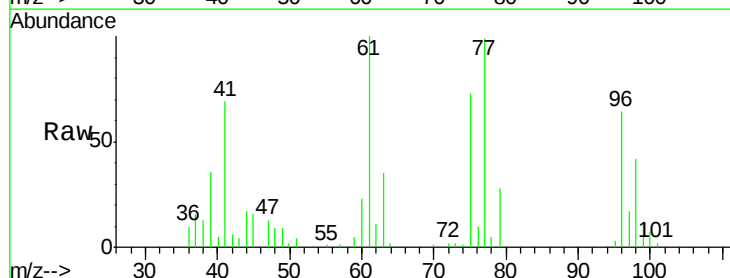
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

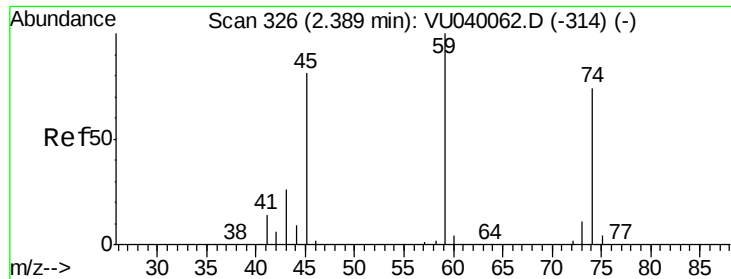
Tgt Ion: 77 Resp: 25922
 Ion Ratio Lower Upper
 77 100
 97 20.2 16.4 24.6



#22
 cis-1,2-Dichloroethene
 Concen: 1.977 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 96 Resp: 14985
 Ion Ratio Lower Upper
 96 100
 61 169.7 0.0 420.0
 98 66.8 31.8 95.3

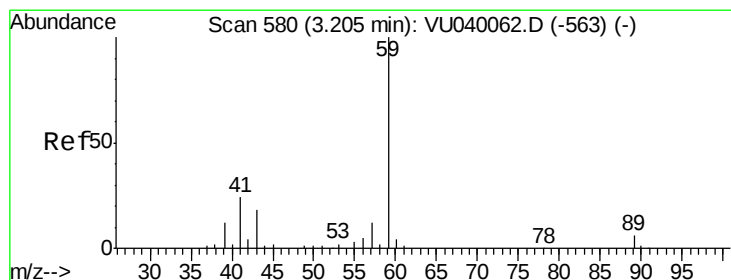
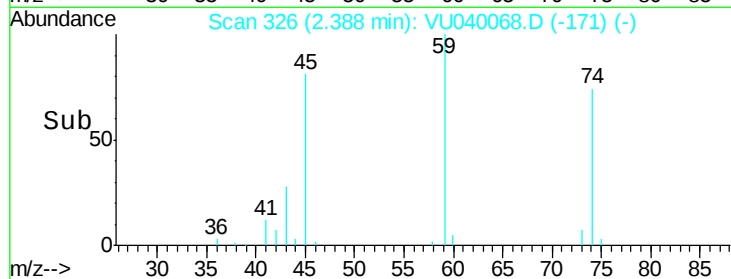
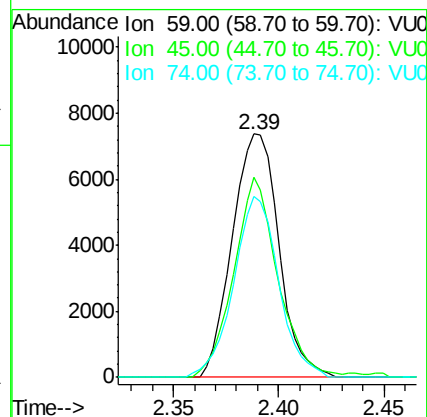
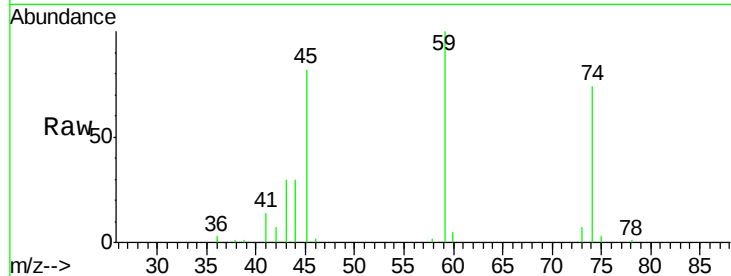




#23
Diethyl Ether
Concen: 1.992 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

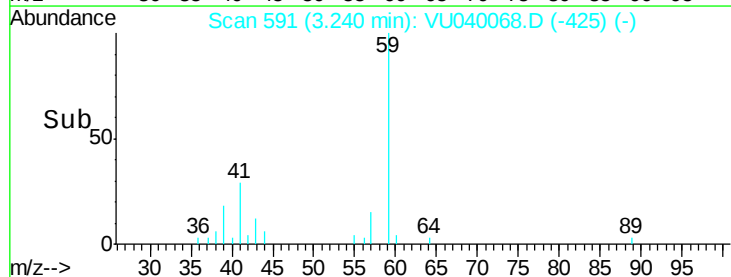
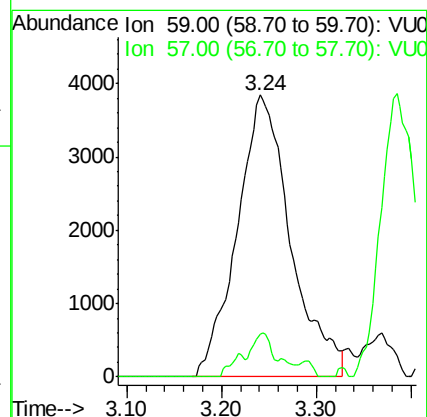
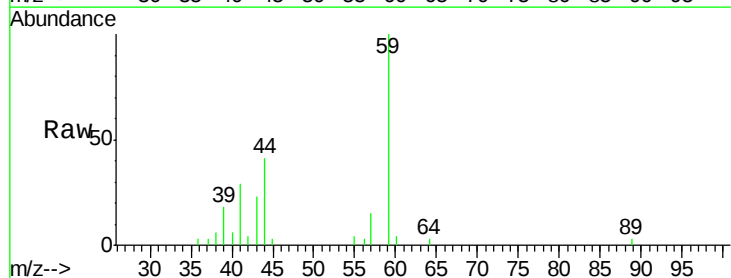
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

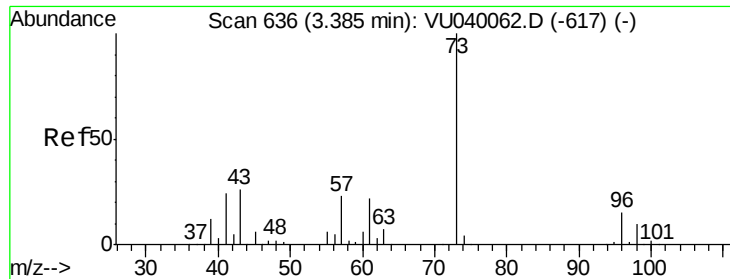
Tgt Ion: 59 Resp: 11315
Ion Ratio Lower Upper
59 100
45 77.6 62.4 93.6
74 71.7 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 19.752 ug/l
RT: 3.24 min Scan# 591
Delta R.T. 0.03 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 59 Resp: 15100
Ion Ratio Lower Upper
59 100
57 3.6 9.0 13.6#

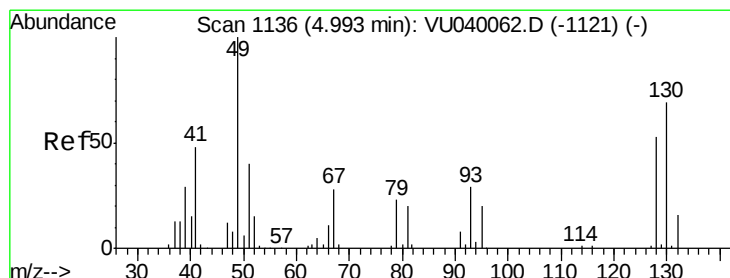
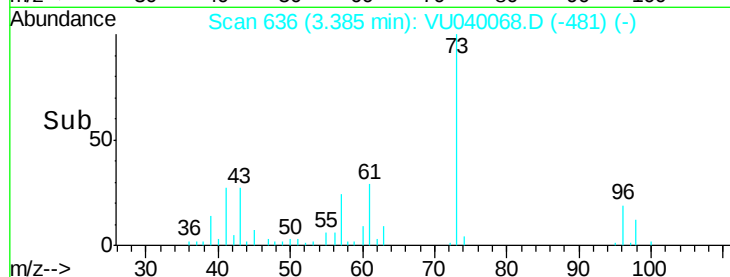
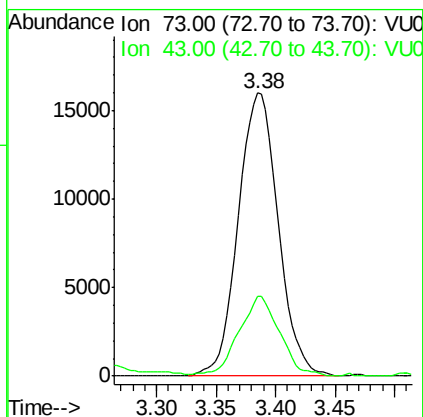
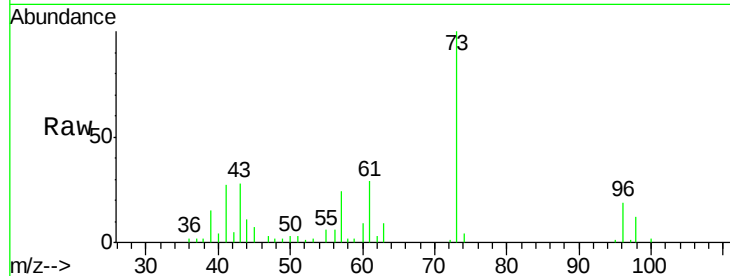




#25
Methyl tert-Butyl Ether
Concen: 1.861 ug/l
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

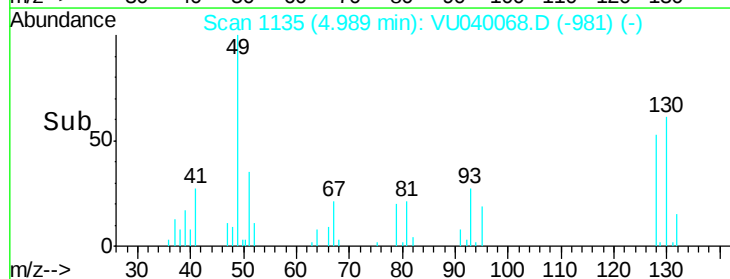
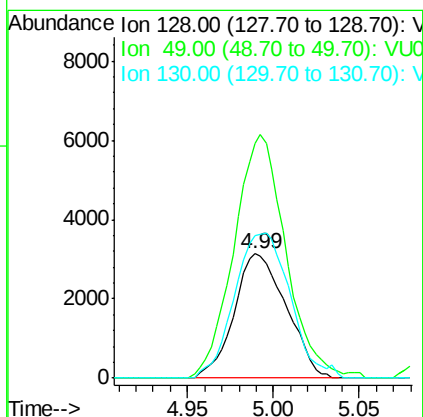
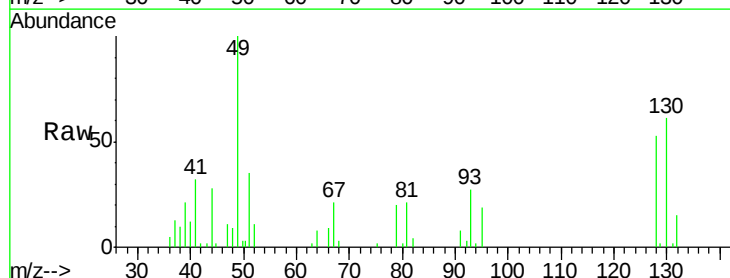
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

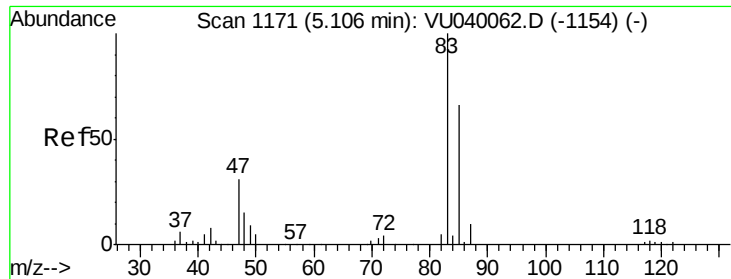
Tgt Ion: 73 Resp: 37214
Ion Ratio Lower Upper
73 100
43 28.7 20.0 30.0



#26
Bromochloromethane
Concen: 2.002 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 128 Resp: 6594
Ion Ratio Lower Upper
128 100
49 195.4 0.0 390.6
130 124.8 104.9 157.3

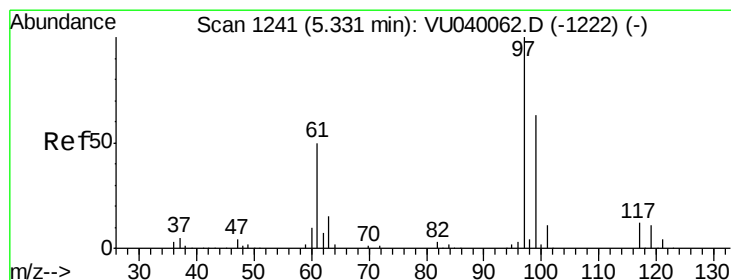
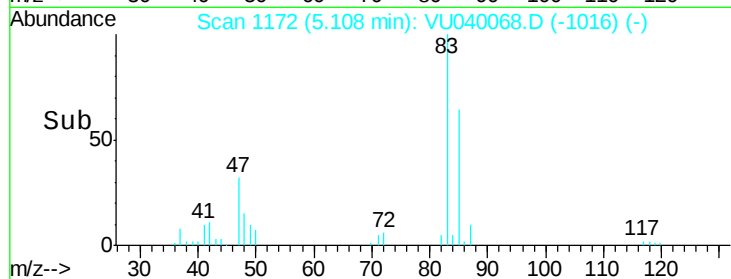
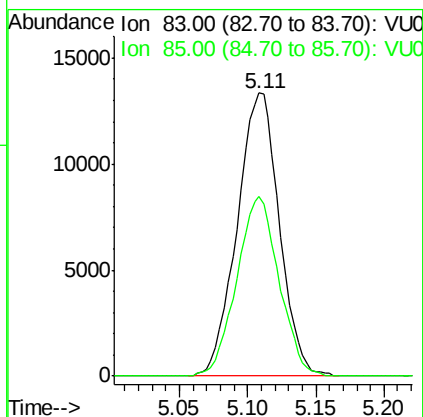
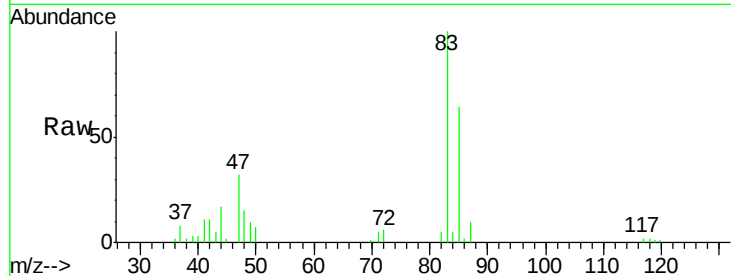




#27
Chloroform
Concen: 1.984 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

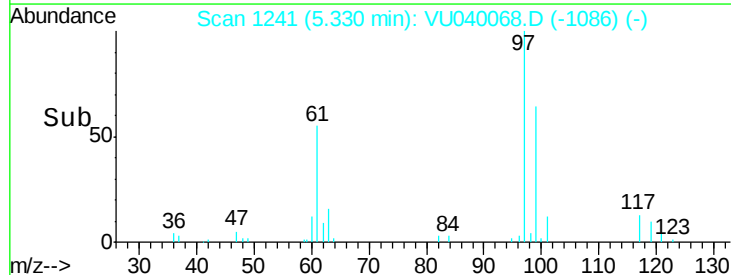
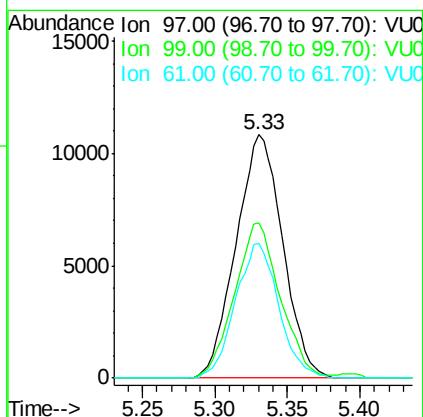
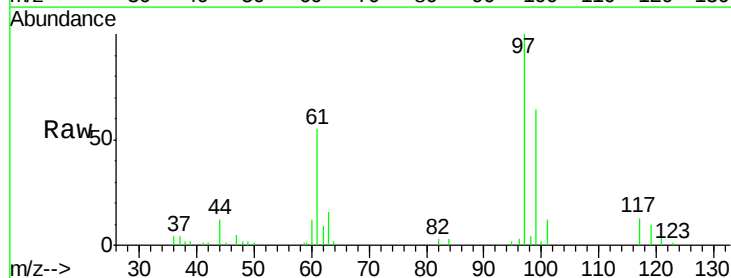
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

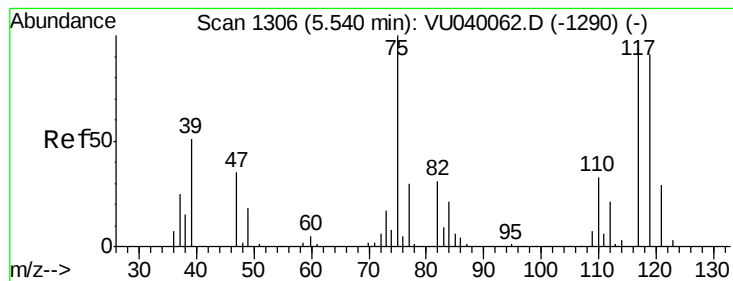
Tgt Ion: 83 Resp: 28606
Ion Ratio Lower Upper
83 100
85 63.6 0.0 132.4



#28
1,1,1-Trichloroethane
Concen: 1.936 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 97 Resp: 24279
Ion Ratio Lower Upper
97 100
99 62.3 31.8 95.4
61 51.2 25.1 75.2





#29

1,1-Dichloropropene

Concen: 1.957 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

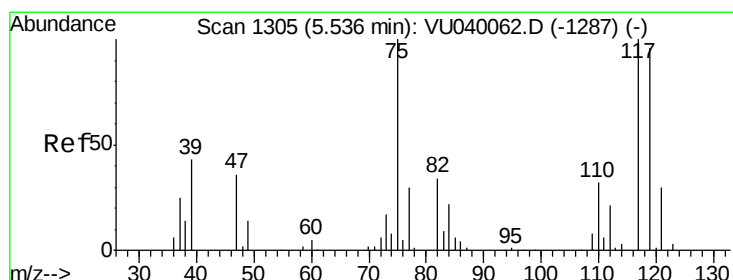
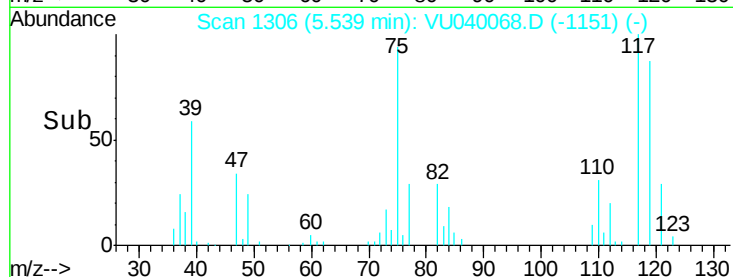
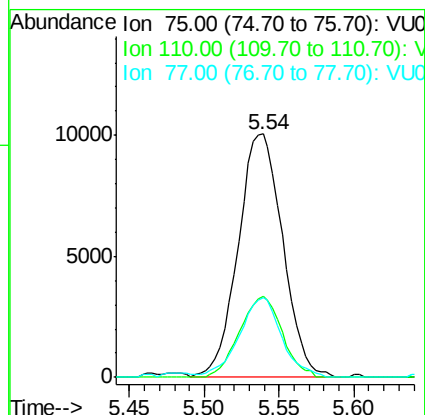
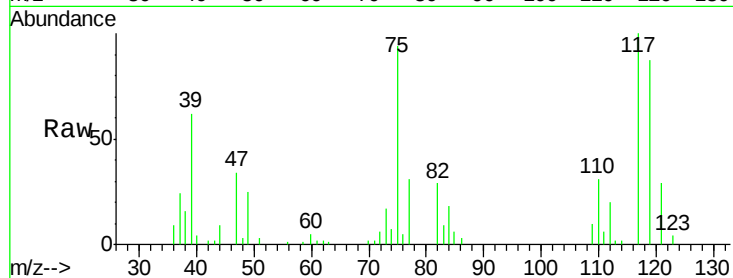
Tgt Ion: 75 Resp: 20878

Ion Ratio Lower Upper

75 100

110 31.7 16.2 48.6

77 31.1 25.3 37.9



#30

Carbon Tetrachloride

Concen: 1.961 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

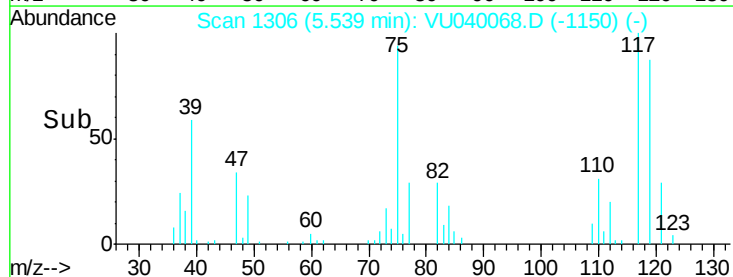
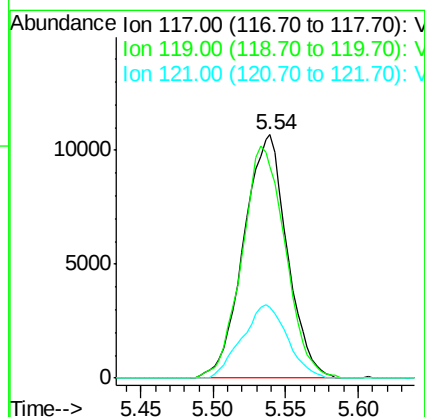
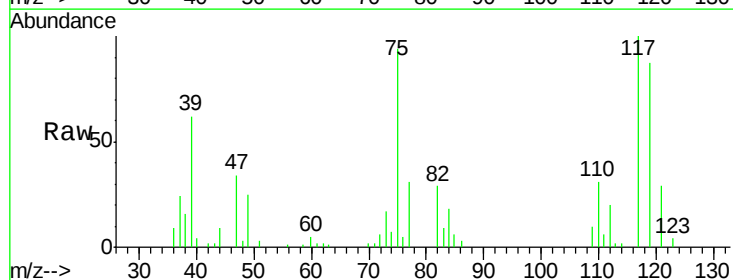
Tgt Ion: 117 Resp: 22303

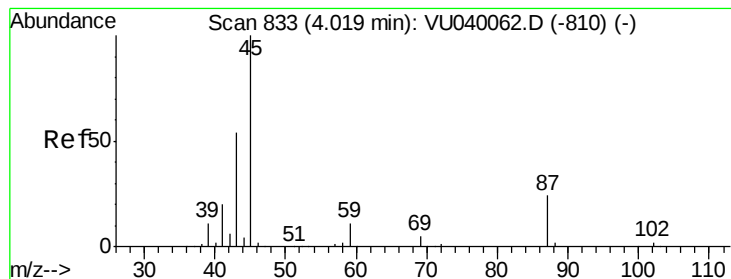
Ion Ratio Lower Upper

117 100

119 87.2 77.0 115.4

121 29.1 24.2 36.4





#31

Isopropyl Ether

Concen: 1.952 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

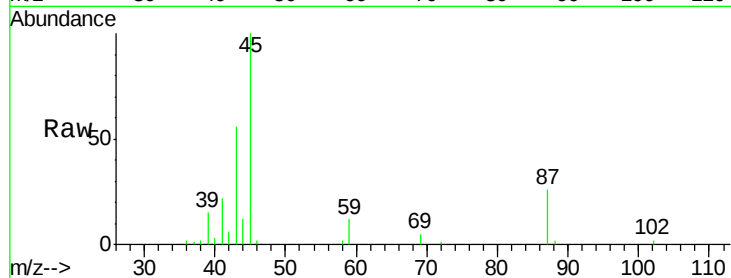
VU0909WBSD01

Tgt Ion: 45 Resp: 47737

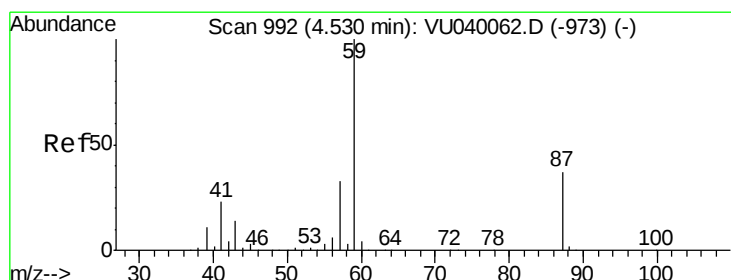
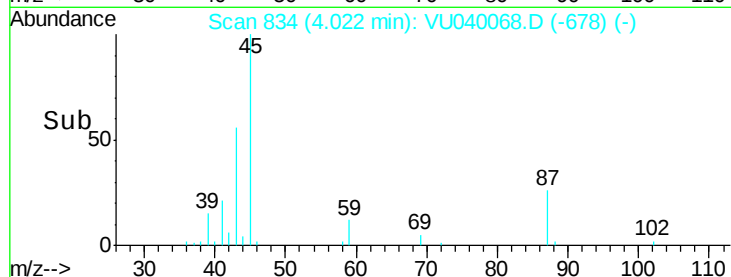
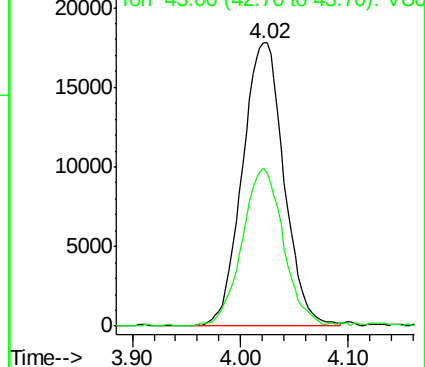
Ion Ratio Lower Upper

45 100

43 55.2 27.9 83.7



Abundance Ion 45.00 (44.70 to 45.70): VU040068.D (-678) (-)



#32

Ethyl-t-butyl ether

Concen: 1.976 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040068.D

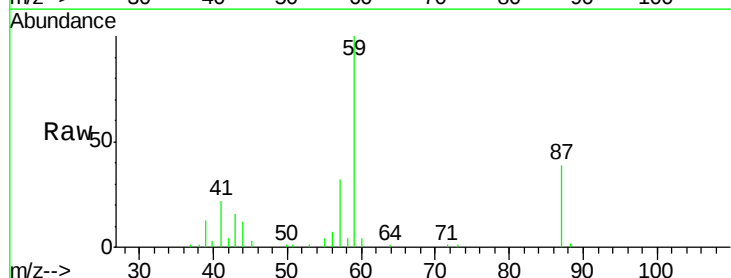
Acq: 09 Sep 2020 18:13

Tgt Ion: 59 Resp: 43797

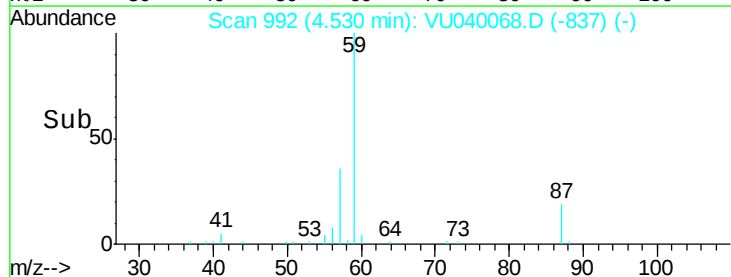
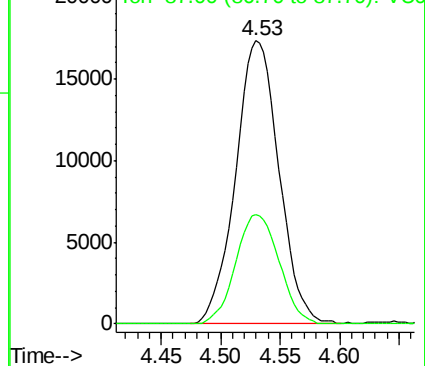
Ion Ratio Lower Upper

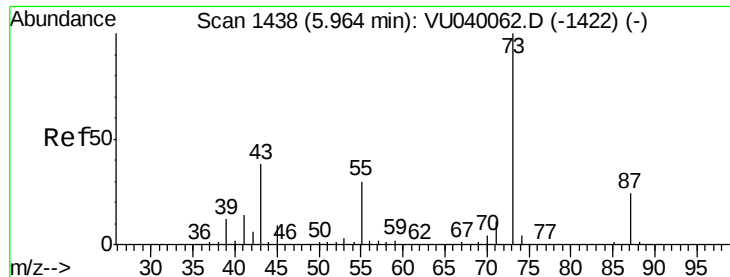
59 100

87 38.6 30.7 46.1



Abundance Ion 59.00 (58.70 to 59.70): VU040068.D (-837) (-)

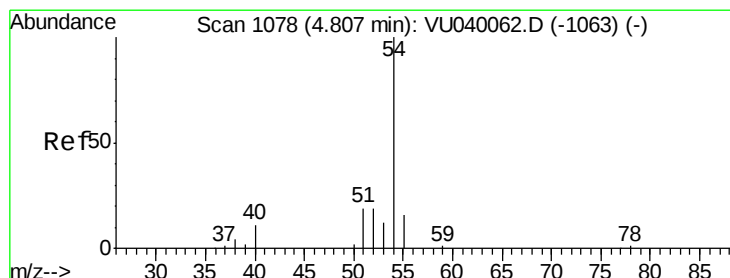
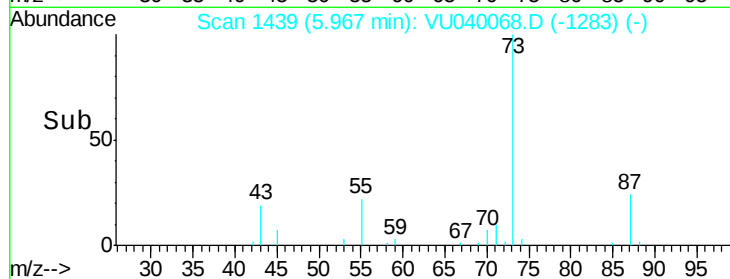
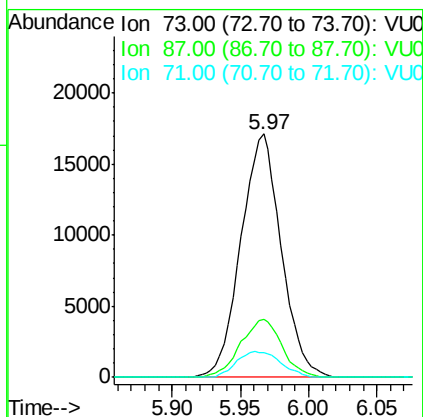
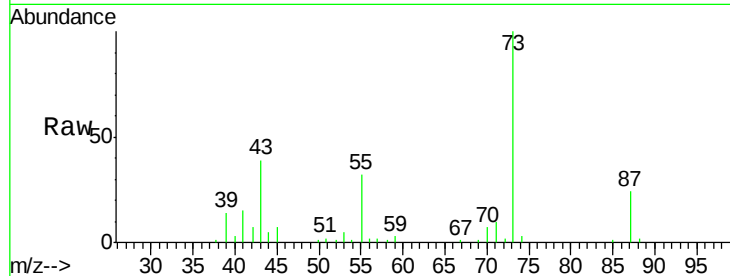




#33
 Tert-Amyl methyl ether
 Concen: 1.801 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

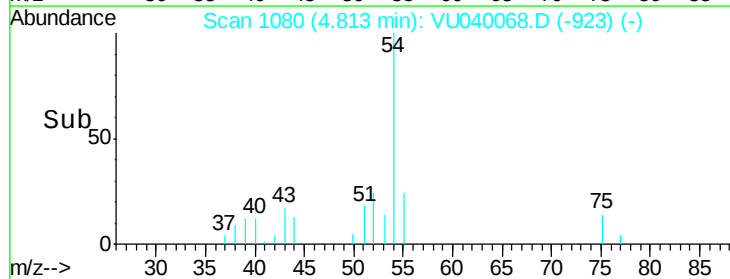
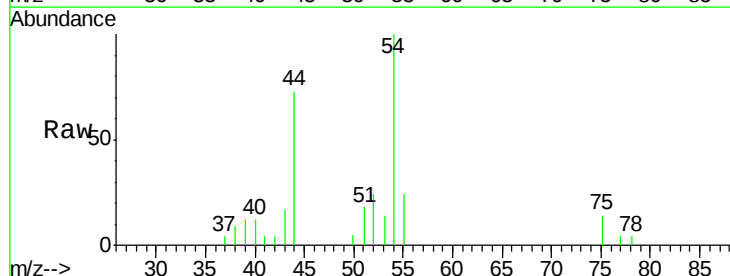
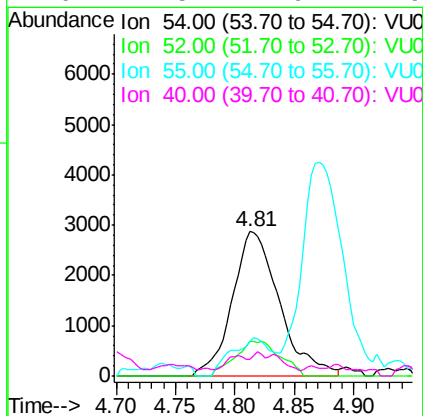
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

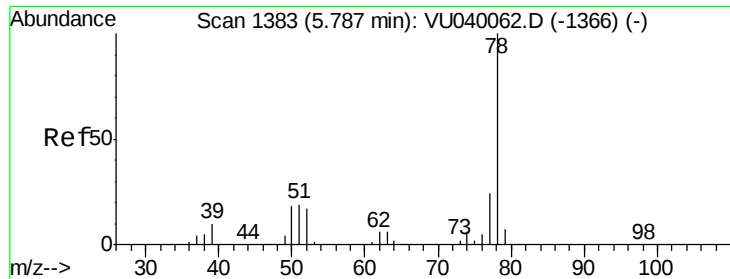
Tgt Ion: 73 Resp: 35144
 Ion Ratio Lower Upper
 73 100
 87 24.4 19.4 29.0
 71 11.6 9.2 13.8



#34
 Propionitrile
 Concen: 10.678 ug/l
 RT: 4.81 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 54 Resp: 7877
 Ion Ratio Lower Upper
 54 100
 52 23.2 16.2 24.4
 55 21.7 12.6 18.8#
 40 4.5 7.9 11.9#





#35

Benzene

Concen: 1.942 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

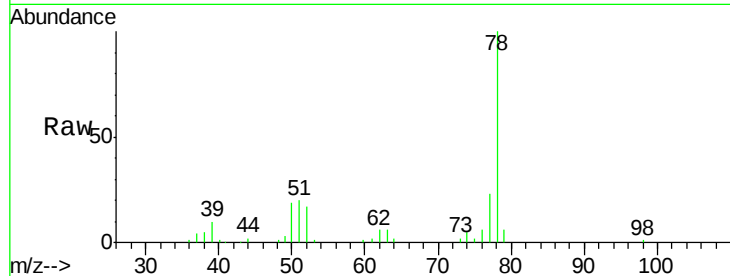
VU0909WBSD01

Tgt Ion: 78 Resp: 57381

Ion Ratio Lower Upper

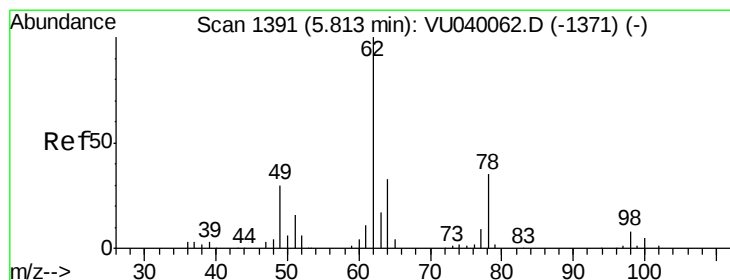
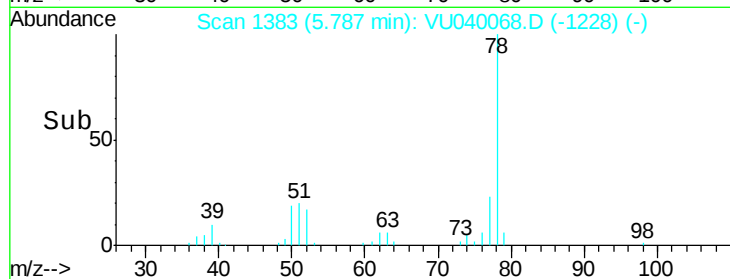
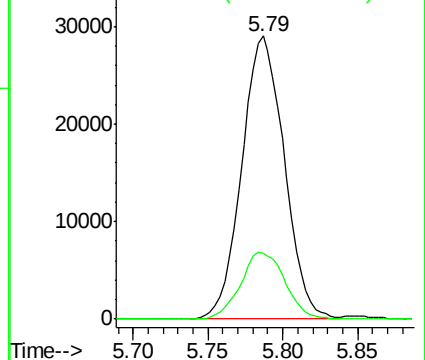
78 100

77 23.0 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.996 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU040068.D

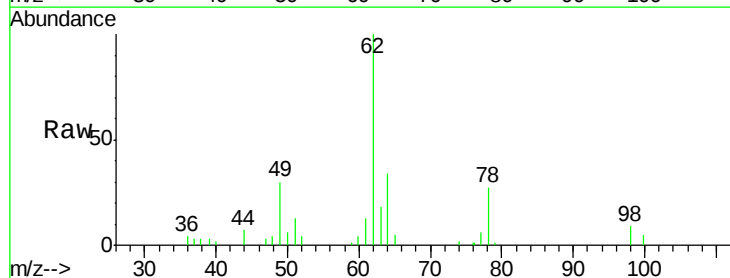
Acq: 09 Sep 2020 18:13

Tgt Ion: 62 Resp: 22939

Ion Ratio Lower Upper

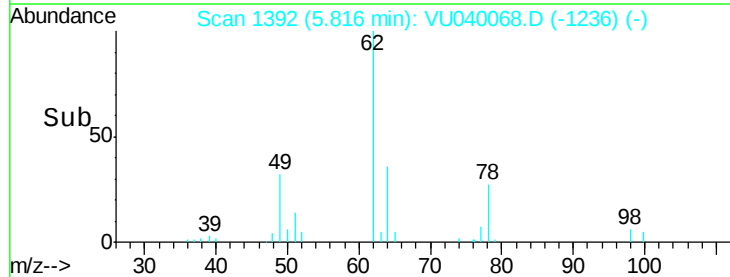
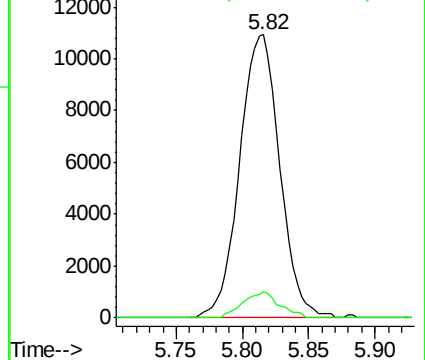
62 100

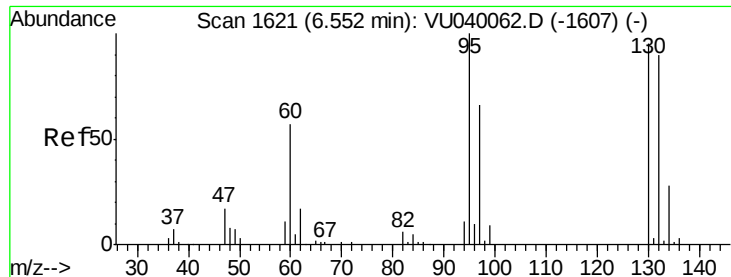
98 8.4 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.919 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

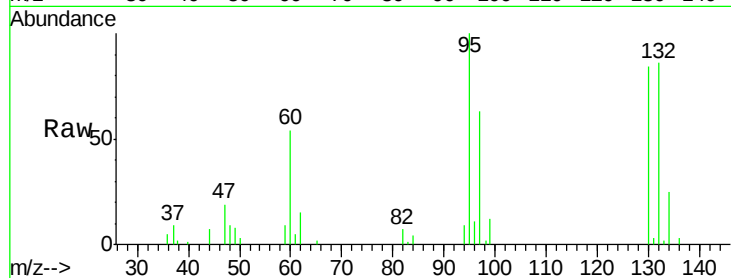
VU0909WBSD01

Tgt Ion:130 Resp: 14418

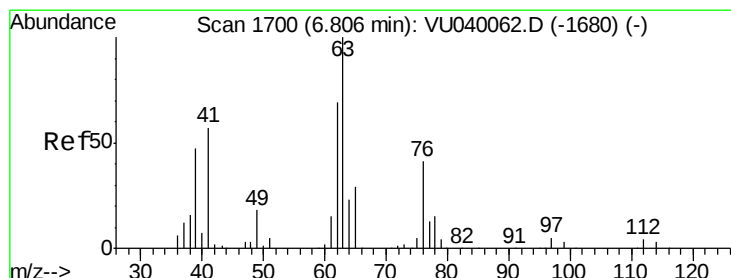
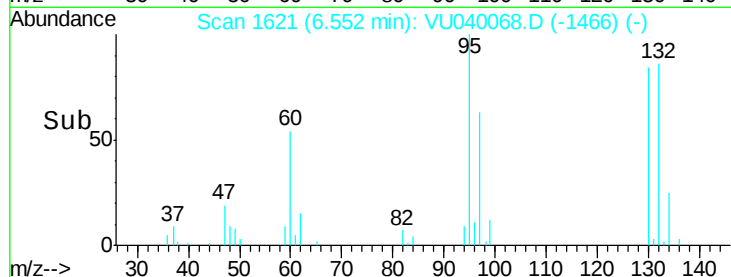
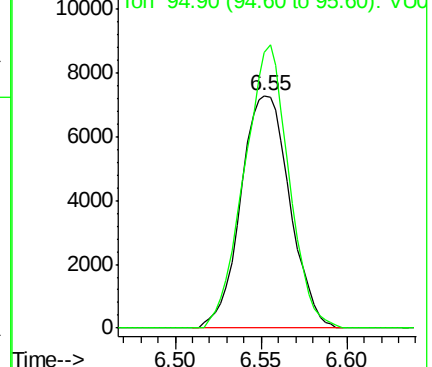
Ion Ratio Lower Upper

130 100

95 118.5 84.2 126.2



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



#38

1,2-Dichloropropane

Concen: 1.910 ug/l

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU040068.D

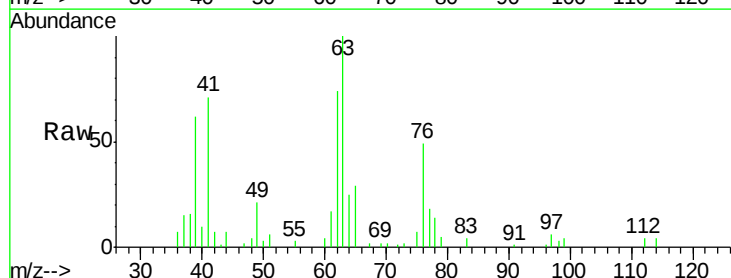
Acq: 09 Sep 2020 18:13

Tgt Ion: 63 Resp: 16336

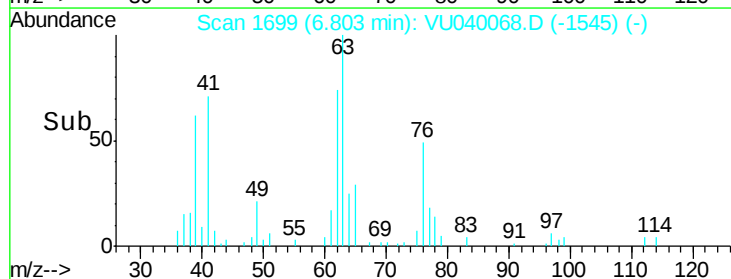
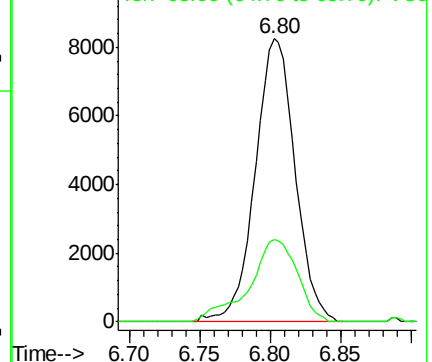
Ion Ratio Lower Upper

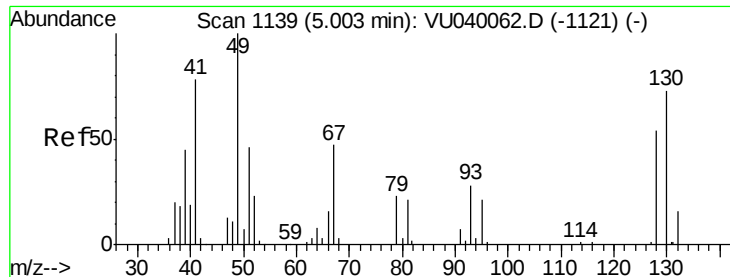
63 100

65 29.2 23.0 34.6



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





#39

Methacrylonitrile

Concen: 1.720 ug/l

RT: 5.00 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

Tgt Ion: 41 Resp: 6788

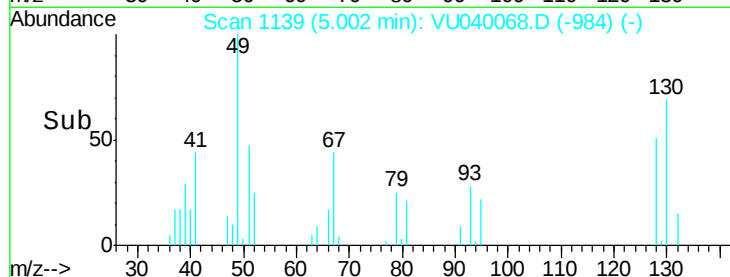
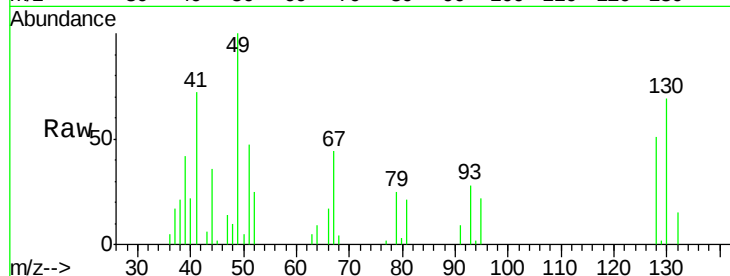
Ion Ratio Lower Upper

41 100

67 62.7 49.2 73.8

39 69.8 46.5 69.7#

52 32.3 25.5 38.3



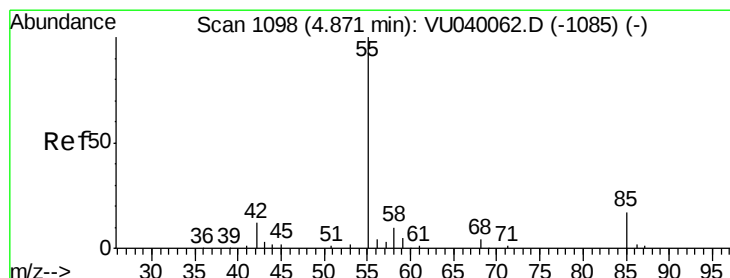
Abundance Ion 41.00 (40.70 to 41.70): VU040068.D (-984) (-)

Ion 67.00 (66.70 to 67.70): VU040068.D (-984) (-)

Ion 39.00 (38.70 to 39.70): VU040068.D (-984) (-)

Ion 52.00 (51.70 to 52.70): VU040068.D (-984) (-)

Time--> 4.90 4.95 5.00 5.05 5.10



#40

Methyl acrylate

Concen: 2.003 ug/l

RT: 4.87 min Scan# 1098

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Tgt Ion: 55 Resp: 10136

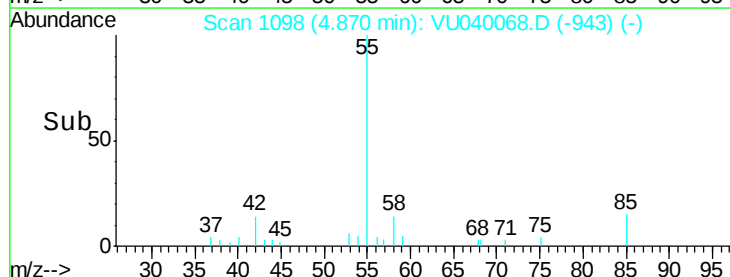
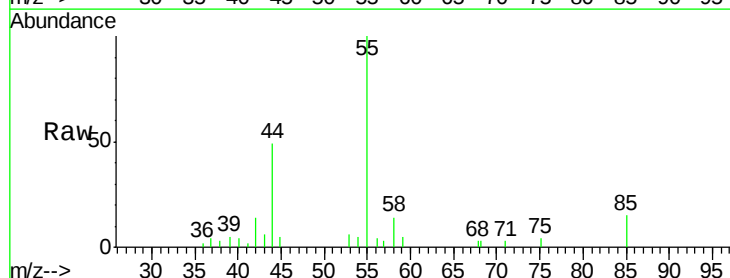
Ion Ratio Lower Upper

55 100

85 15.5 13.3 19.9

58 9.2 7.5 11.3

42 12.9 8.9 13.3



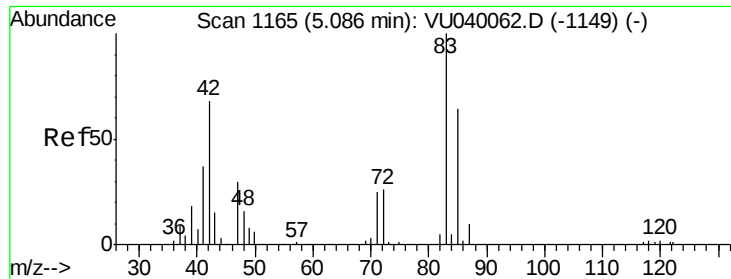
Abundance Ion 55.00 (54.70 to 55.70): VU040068.D (-943) (-)

Ion 85.00 (84.70 to 85.70): VU040068.D (-943) (-)

Ion 58.00 (57.70 to 58.70): VU040068.D (-943) (-)

Ion 42.00 (41.70 to 42.70): VU040068.D (-943) (-)

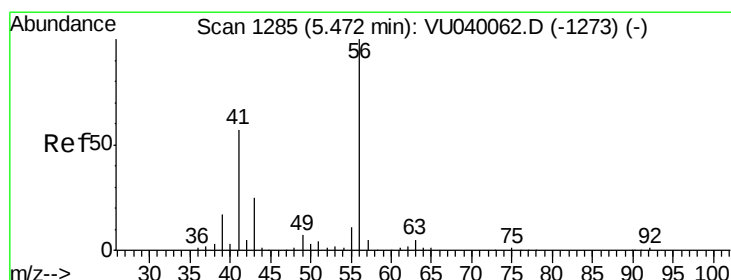
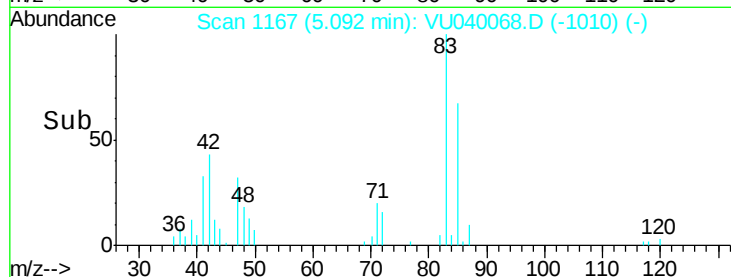
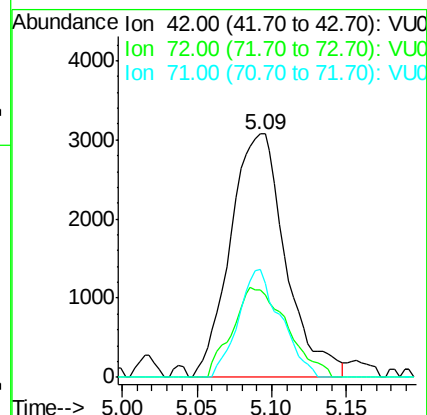
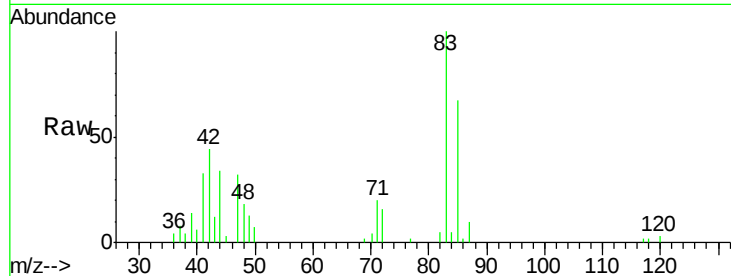
Time--> 4.80 4.85 4.90 4.95 5.00



#41
Tetrahydrofuran
Concen: 4.171 ug/l
RT: 5.09 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

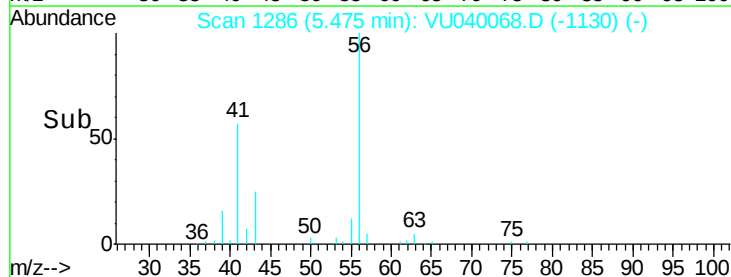
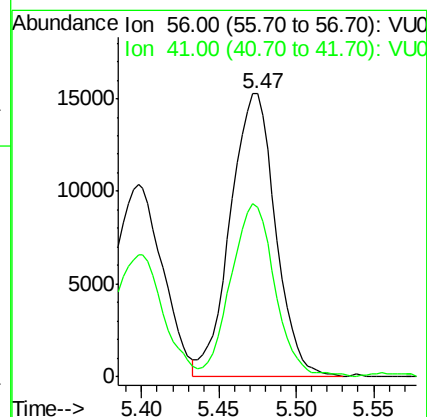
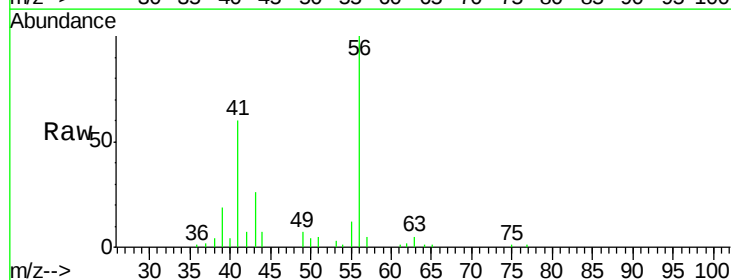
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

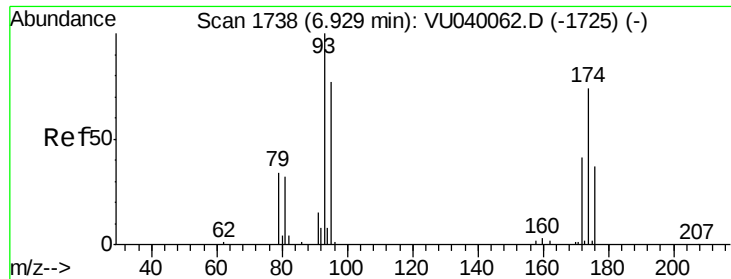
Tgt Ion: 42 Resp: 7909
Ion Ratio Lower Upper
42 100
72 36.5 33.8 50.6
71 33.9 30.9 46.3



#42
1-Chlorobutane
Concen: 1.967 ug/l
RT: 5.47 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 56 Resp: 31007
Ion Ratio Lower Upper
56 100
41 59.6 29.2 87.6





#43

Dibromomethane

Concen: 1.767 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

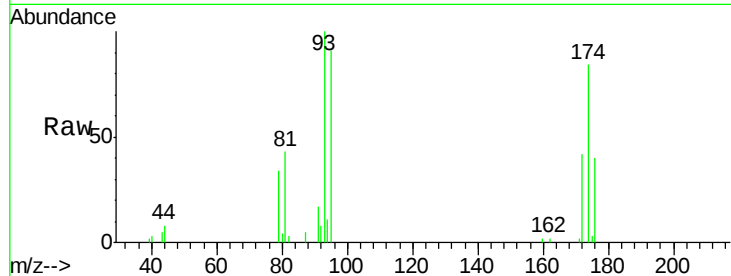
Tgt Ion: 93 Resp: 8735

Ion Ratio Lower Upper

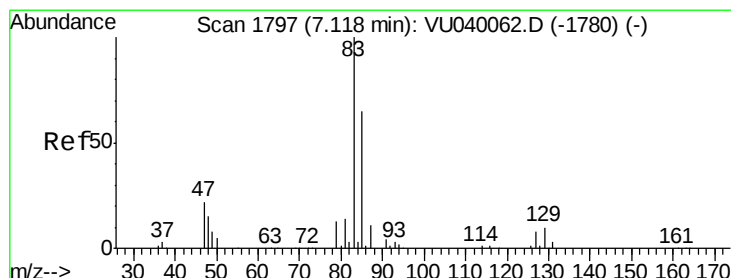
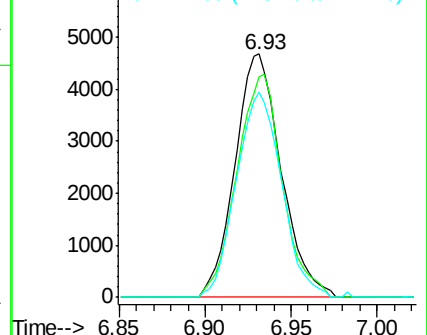
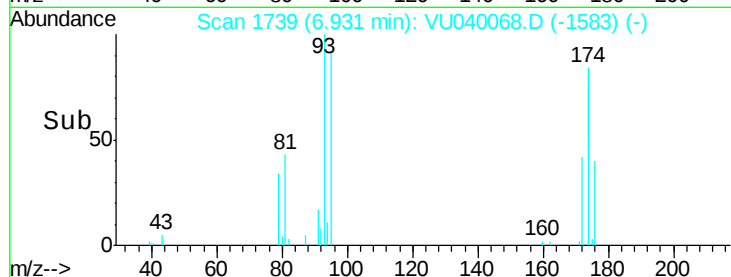
93 100

95 89.9 63.3 94.9

174 82.6 63.5 95.3



Abundance Ion 93.00 (92.70 to 93.70): VU040068.D (-1583) (-)



#44

Bromodichloromethane

Concen: 1.925 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

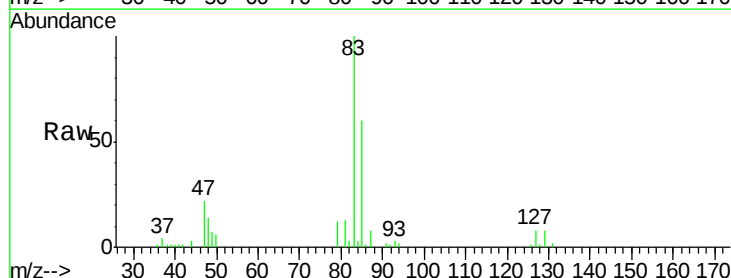
Tgt Ion: 83 Resp: 22845

Ion Ratio Lower Upper

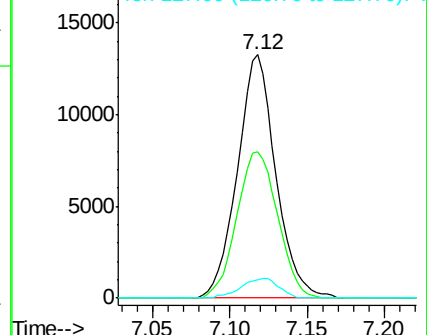
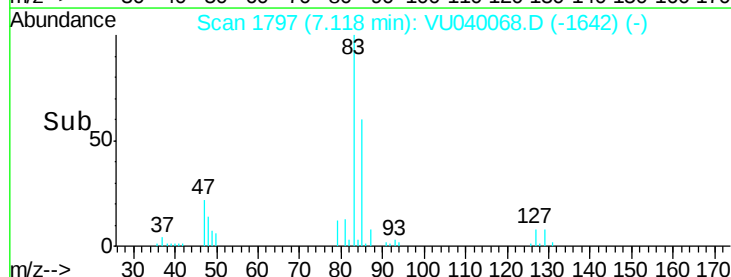
83 100

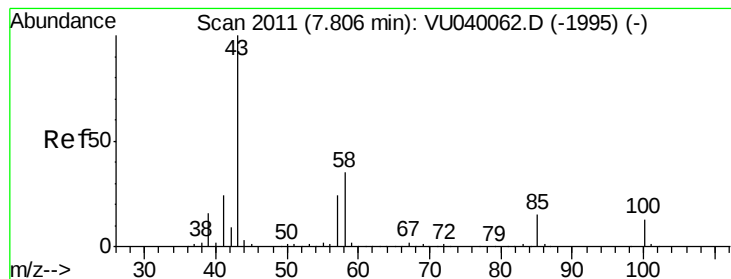
85 60.3 52.1 78.1

127 7.6 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VU040068.D (-1642) (-)





#45

4-Methyl-2-Pentanone

Concen: 9.358 ug/l

RT: 7.81 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

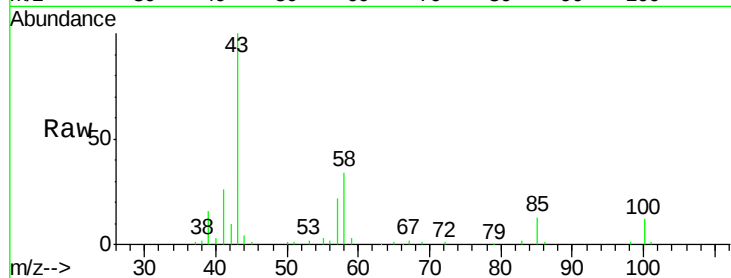
Tgt Ion: 43 Resp: 63022

Ion Ratio Lower Upper

43 100

58 32.6 18.1 54.3

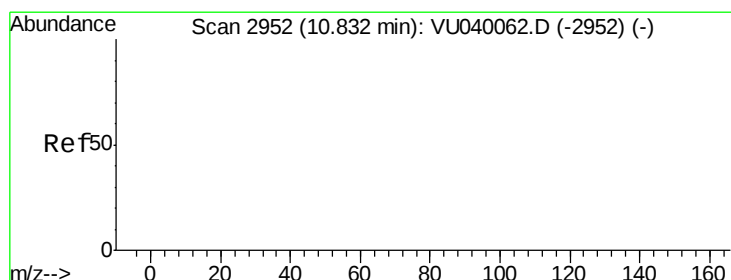
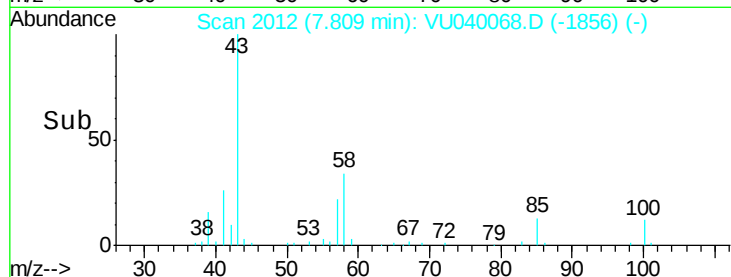
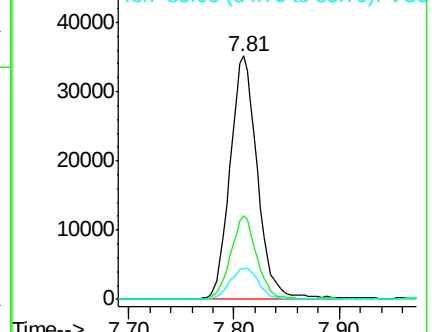
85 13.2 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 8.068 ug/l

RT: 10.83 min Scan# 2950

Delta R.T. -0.01 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Tgt Ion: 75 Resp: 20787

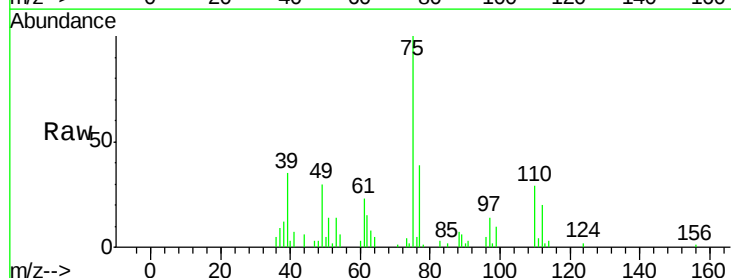
Ion Ratio Lower Upper

75 100

53 42.8 75.0 112.6#

89 21.6 41.6 62.4#

88 20.0 36.6 54.8#

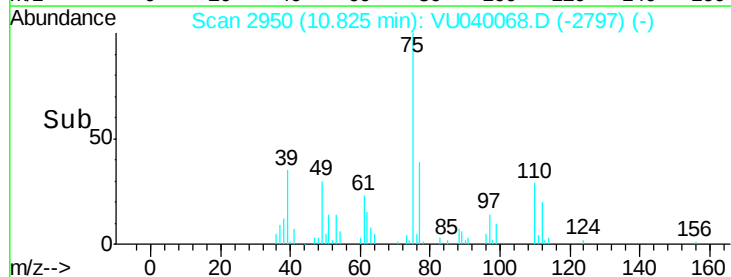
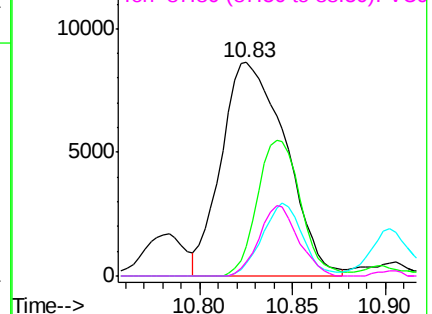


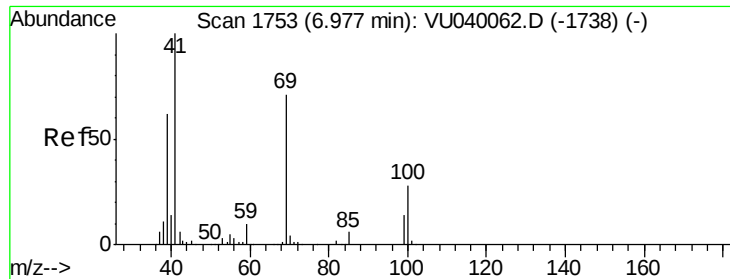
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

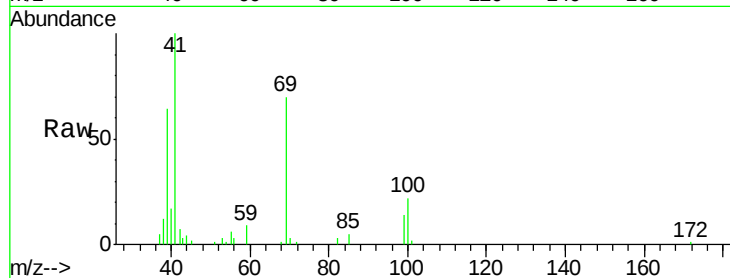




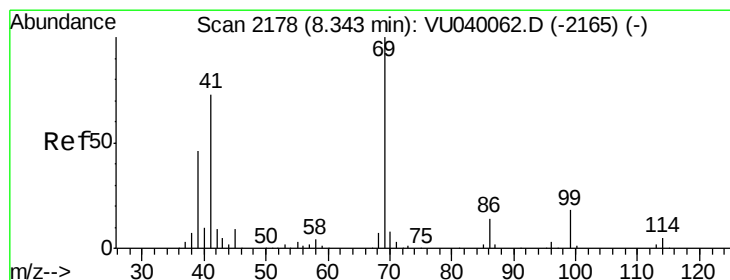
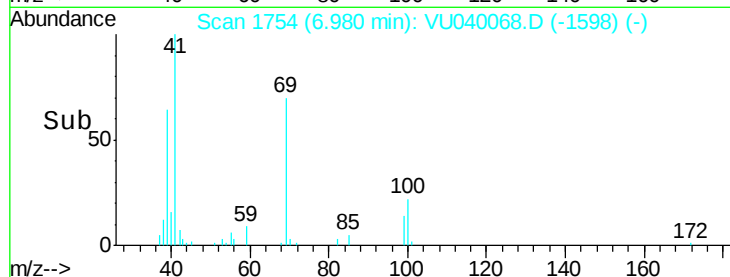
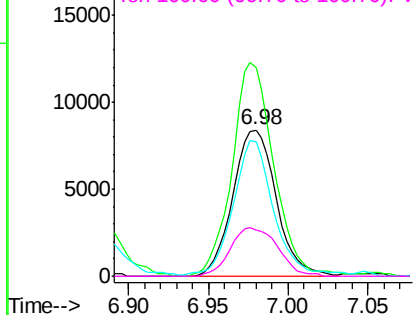
#47
Methyl methacrylate
Concen: 3.669 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Tgt Ion: 69 Resp: 15546
Ion Ratio Lower Upper
69 100
41 140.4 0.0 273.0
39 82.5 67.8 101.6
100 36.3 29.8 44.6

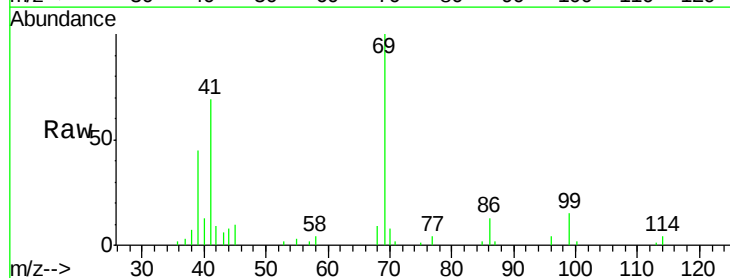


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

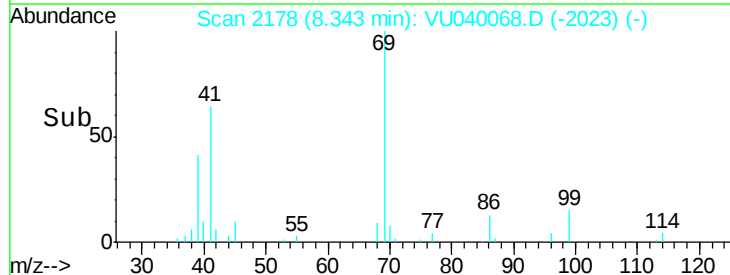
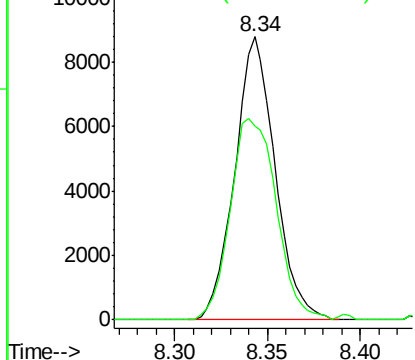


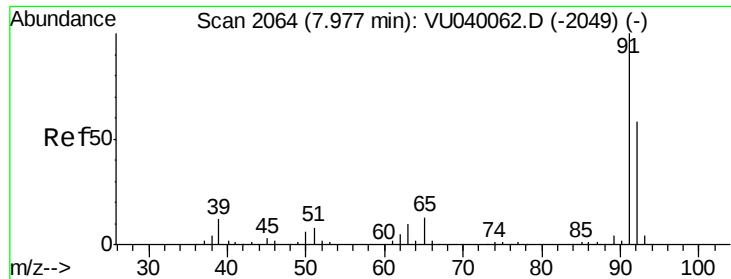
#48
Ethyl methacrylate
Concen: 1.725 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 69 Resp: 13286
Ion Ratio Lower Upper
69 100
41 81.3 37.8 113.3



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





#49

Toluene

Concen: 1.810 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

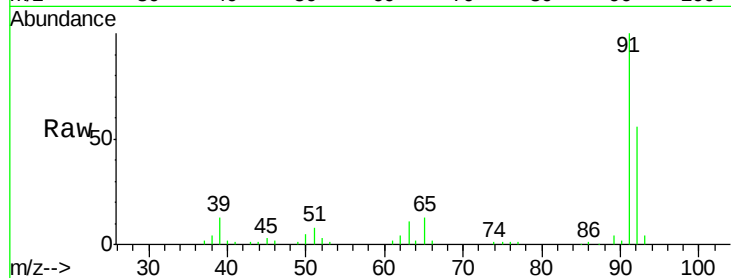
VU0909WBSD01

Tgt Ion: 92 Resp: 32314

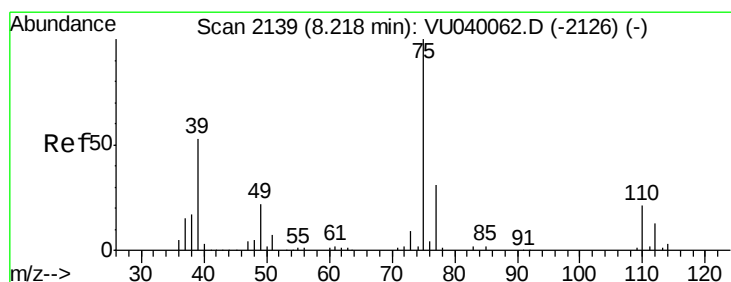
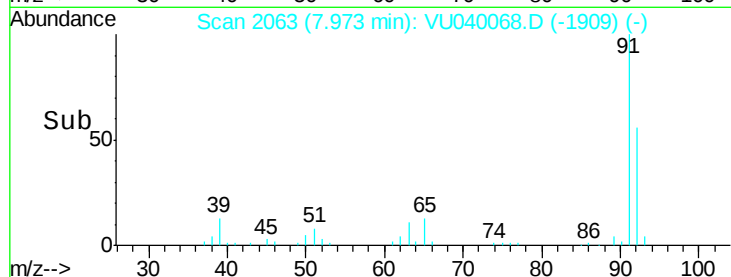
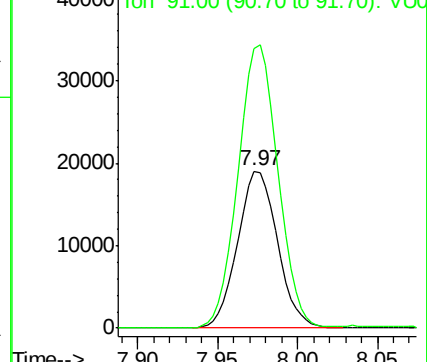
Ion Ratio Lower Upper

92 100

91 180.7 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VU040062.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 1.847 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040068.D

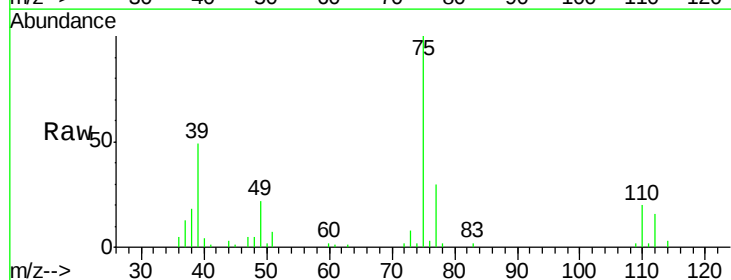
Acq: 09 Sep 2020 18:13

Tgt Ion: 75 Resp: 19767

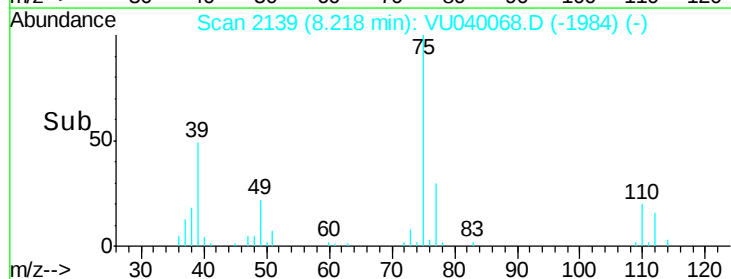
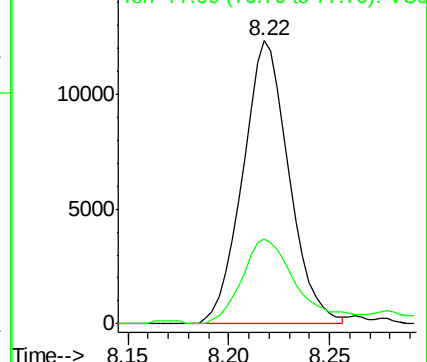
Ion Ratio Lower Upper

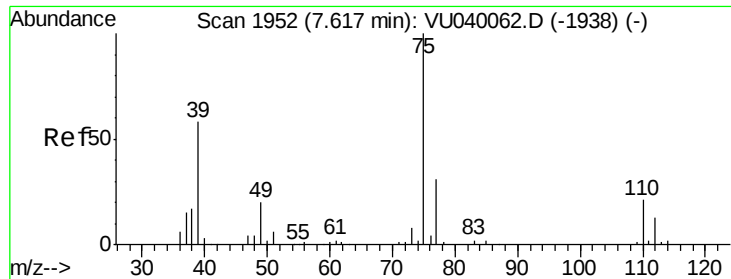
75 100

77 30.0 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-2126) (-)



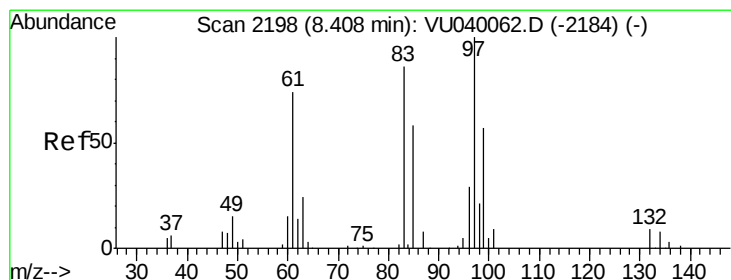
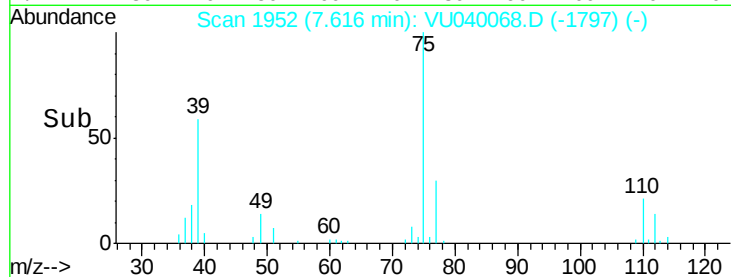
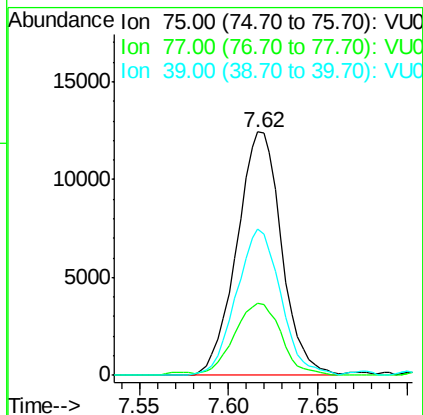
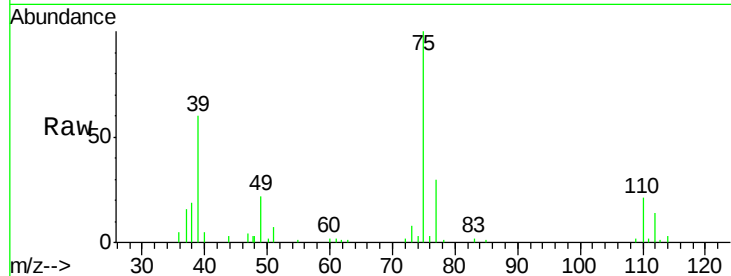


#51

cis-1,3-Dichloropropene
Concen: 1.821 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

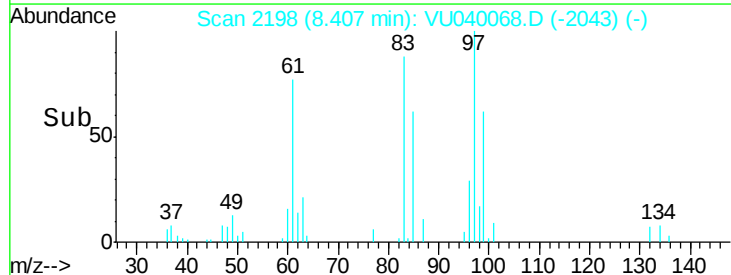
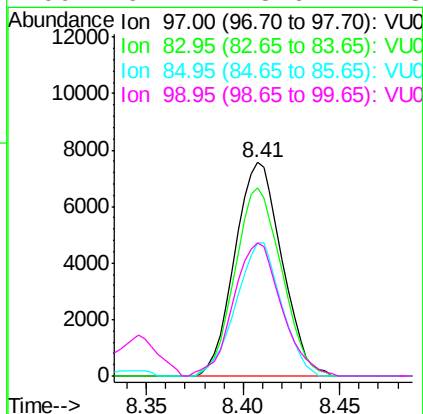
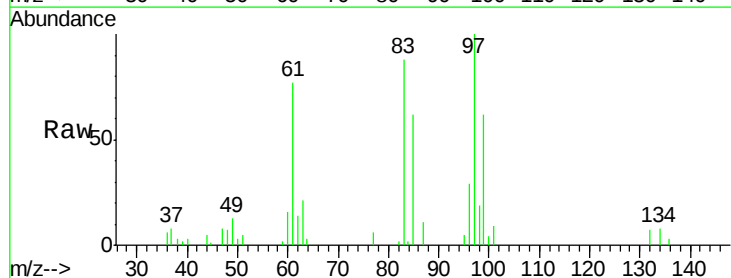
Tgt Ion: 75 Resp: 21699
Ion Ratio Lower Upper
75 100
77 29.7 24.6 37.0
39 60.3 46.2 69.4

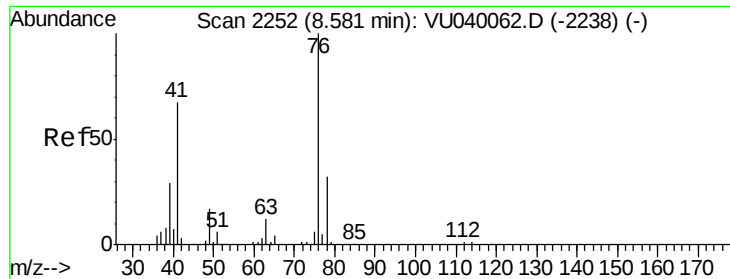


#52

1,1,2-Trichloroethane
Concen: 2.017 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 97 Resp: 12775
Ion Ratio Lower Upper
97 100
83 88.4 68.7 103.1
85 62.3 46.7 70.1
99 62.4 48.6 72.8

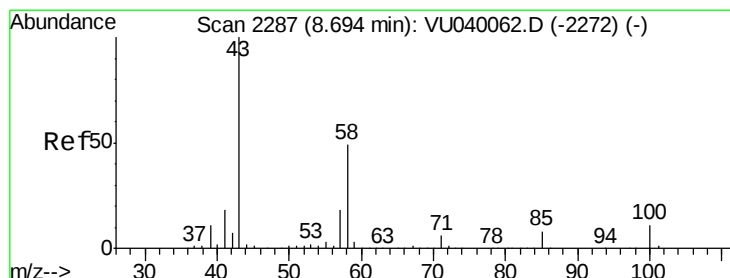
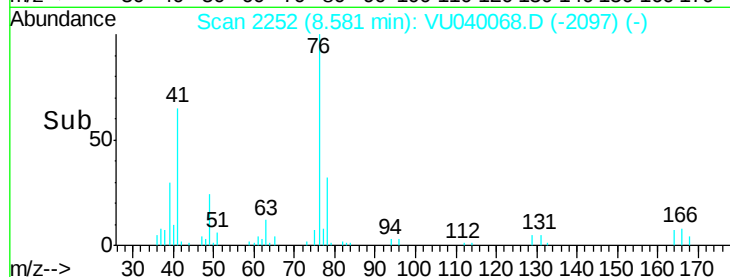
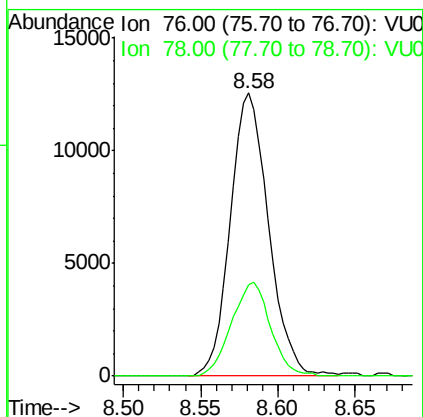
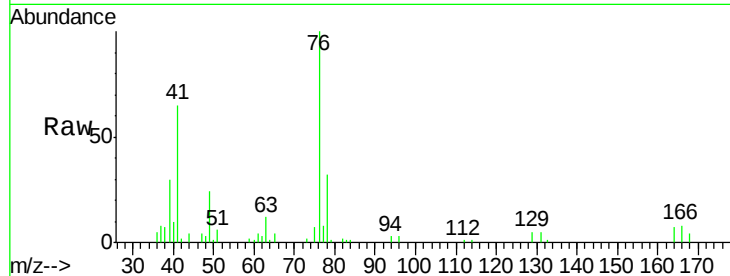




#53
 1,3-Dichloropropane
 Concen: 1.898 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

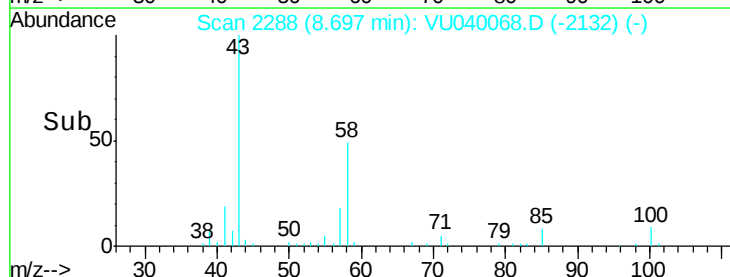
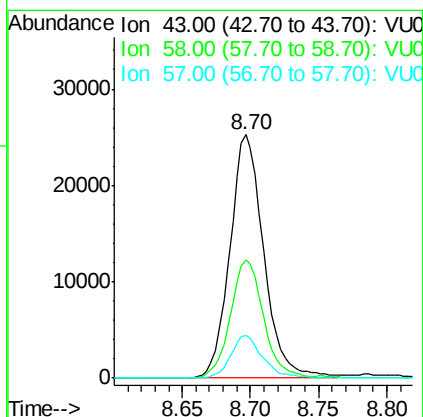
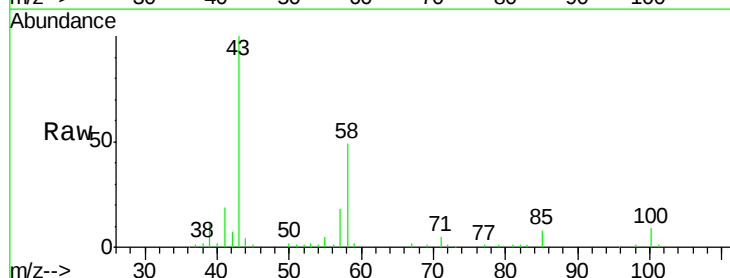
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

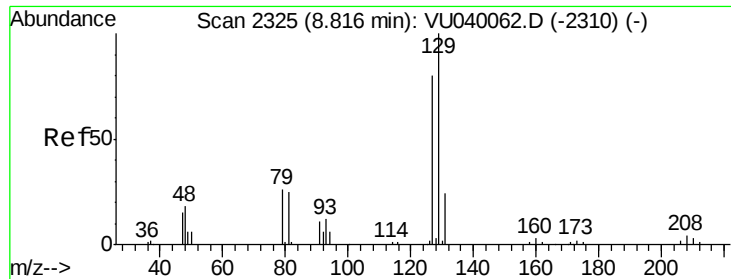
Tgt Ion: 76 Resp: 21586
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.2 39.2



#54
 2-Hexanone
 Concen: 8.929 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 43 Resp: 43596
 Ion Ratio Lower Upper
 43 100
 58 47.3 29.6 69.6
 57 16.3 0.0 37.8





#55

Dibromochloromethane

Concen: 1.906 ug/l

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

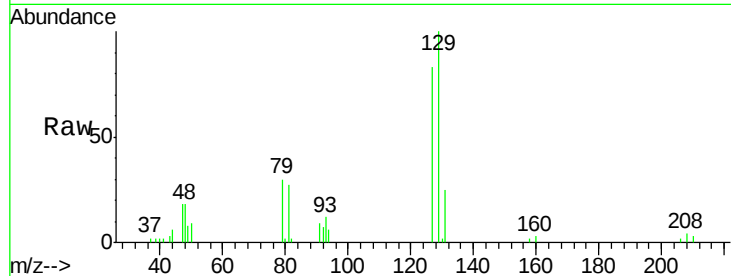
VU0909WBSD01

Tgt Ion:129 Resp: 14084

Ion Ratio Lower Upper

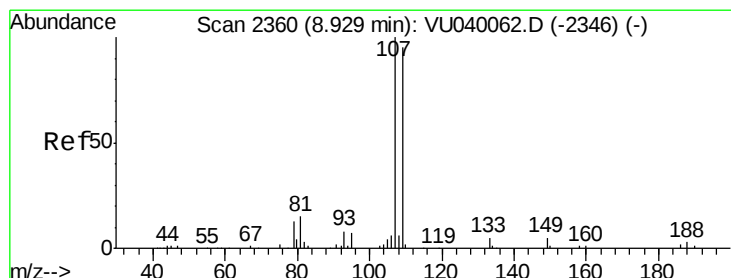
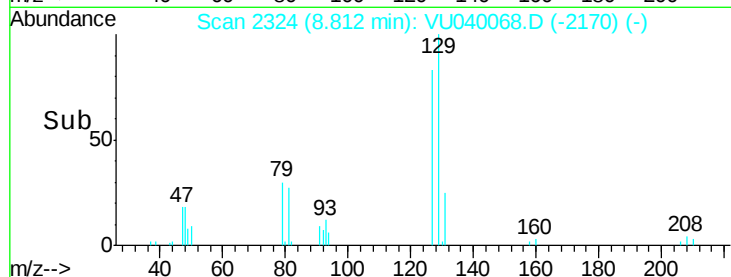
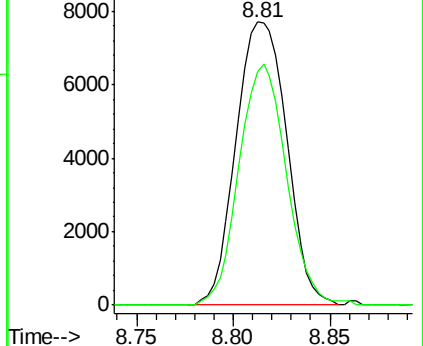
129 100

127 79.8 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: 1.897 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040068.D

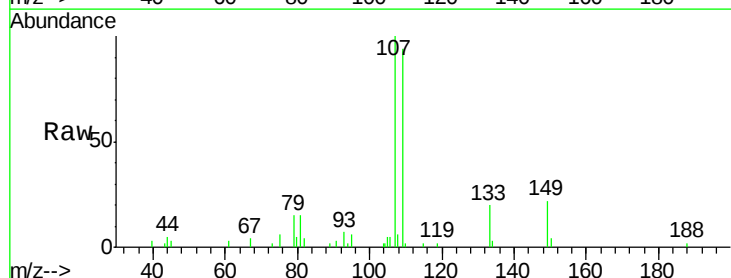
Acq: 09 Sep 2020 18:13

Tgt Ion:107 Resp: 11218

Ion Ratio Lower Upper

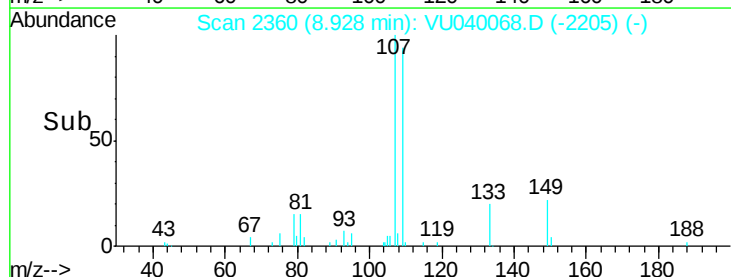
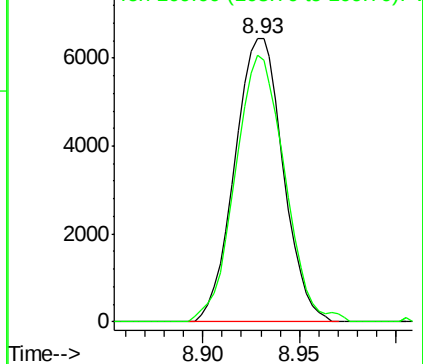
107 100

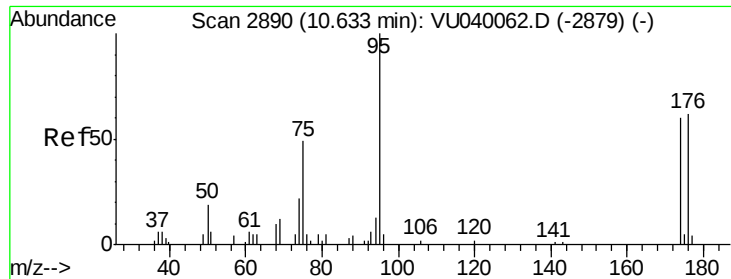
109 96.1 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

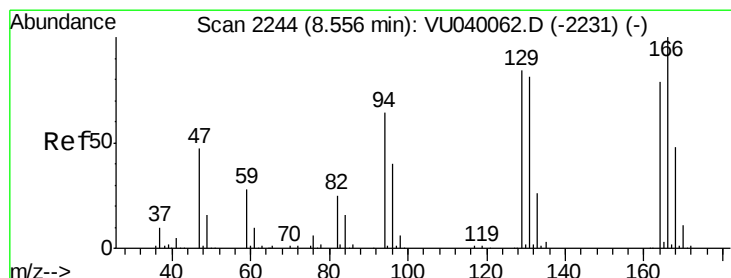
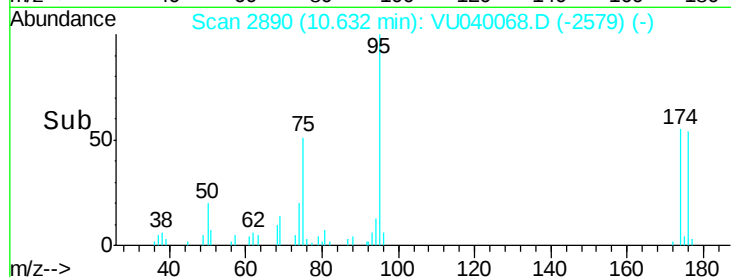
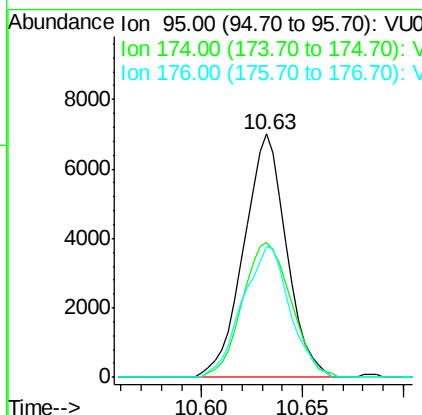
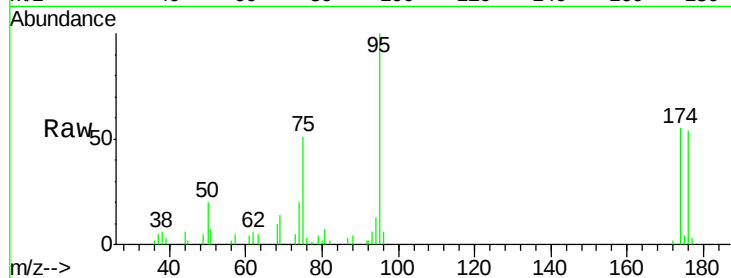




#57
 4-Bromofluorobenzene
 Concen: 0.917 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

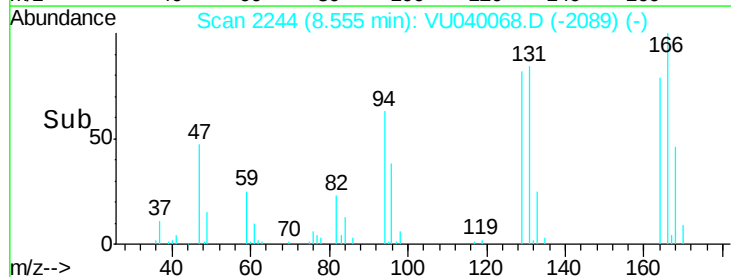
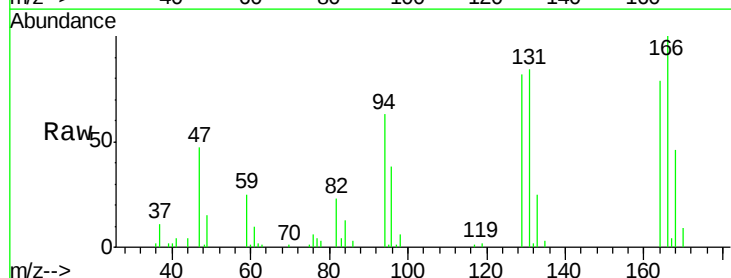
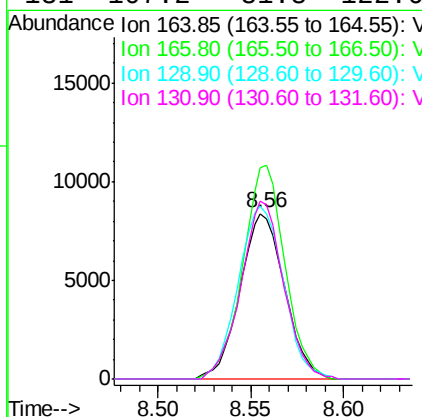
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

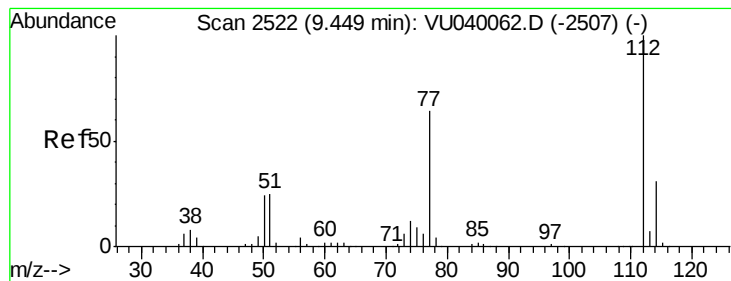
Tgt Ion: 95 Resp: 10376
 Ion Ratio Lower Upper
 95 100
 174 63.1 49.4 74.0
 176 59.9 50.1 75.1



#58
 Tetrachloroethene
 Concen: 1.913 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 164 Resp: 13947
 Ion Ratio Lower Upper
 164 100
 166 127.2 101.3 151.9
 129 104.3 84.8 127.2
 131 107.2 81.8 122.6





#59

Chlorobenzene

Concen: 1.912 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

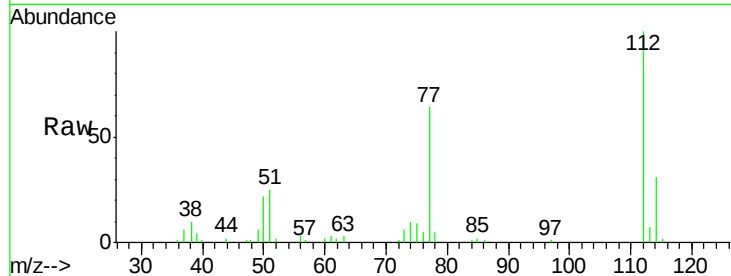
VU0909WBSD01

Tgt Ion:112 Resp: 37869

Ion Ratio Lower Upper

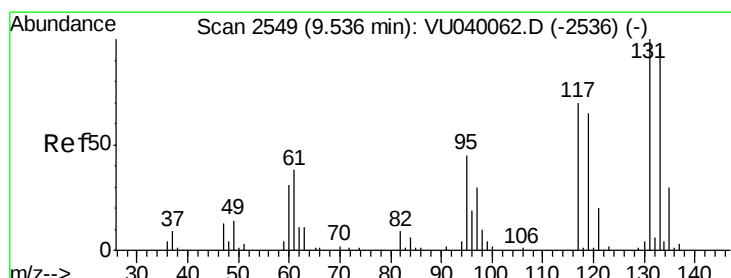
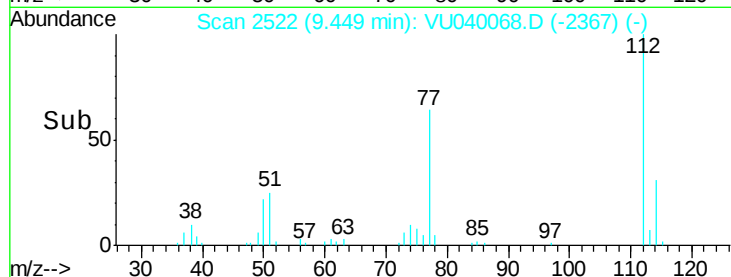
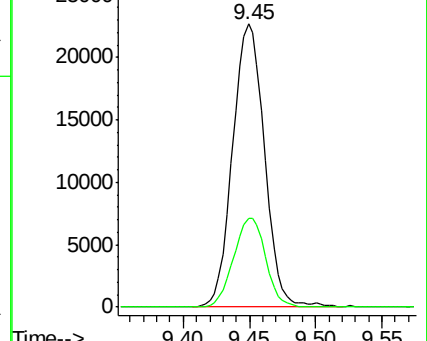
112 100

114 31.2 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.947 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

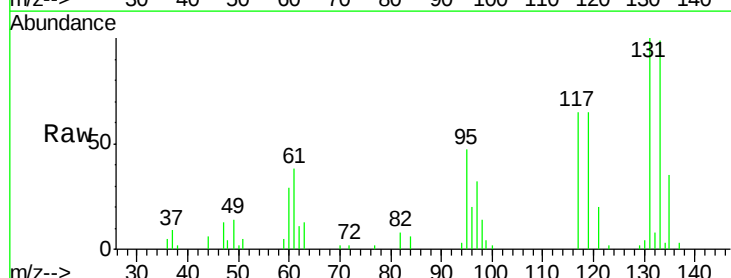
Tgt Ion:131 Resp: 14122

Ion Ratio Lower Upper

131 100

133 93.9 75.4 113.2

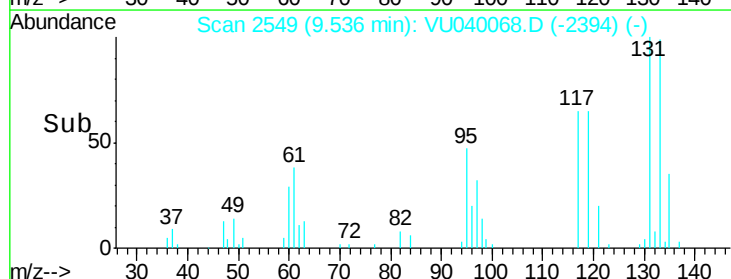
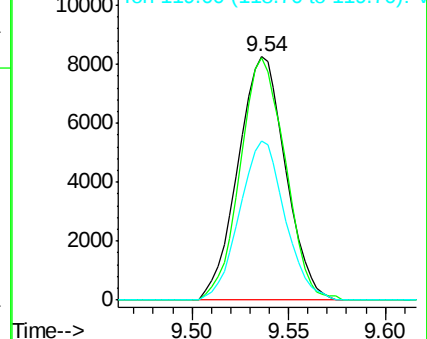
119 62.3 51.5 77.3

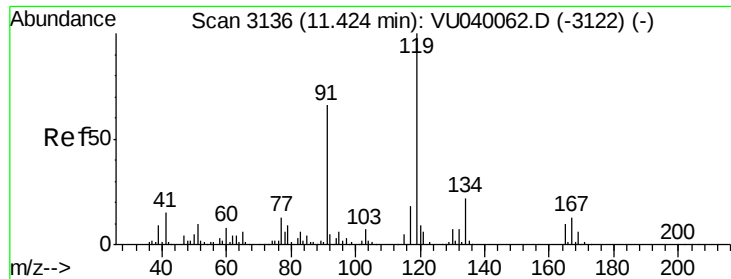


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 2.024 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

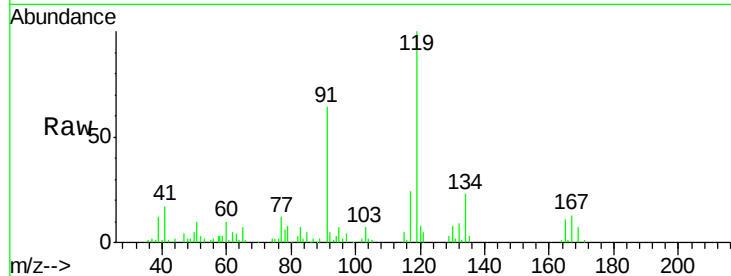
VU0909WBSD01

Tgt Ion:117 Resp: 10010

Ion Ratio Lower Upper

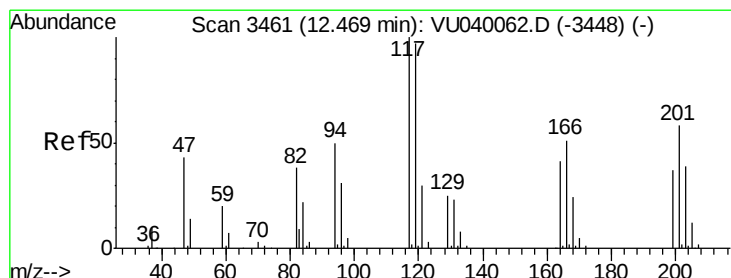
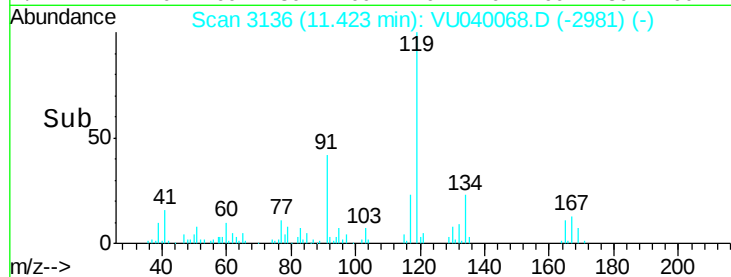
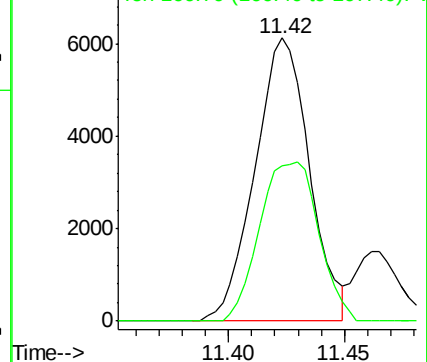
117 100

167 60.8 54.5 81.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.815 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040068.D

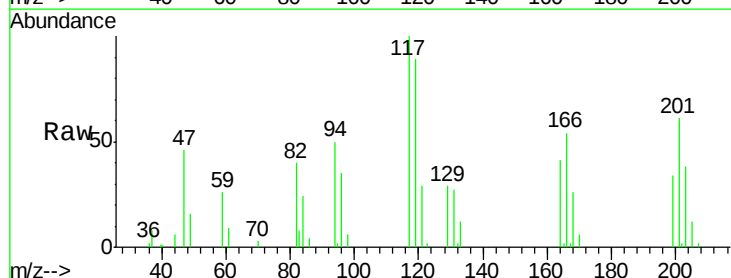
Acq: 09 Sep 2020 18:13

Tgt Ion:117 Resp: 11406

Ion Ratio Lower Upper

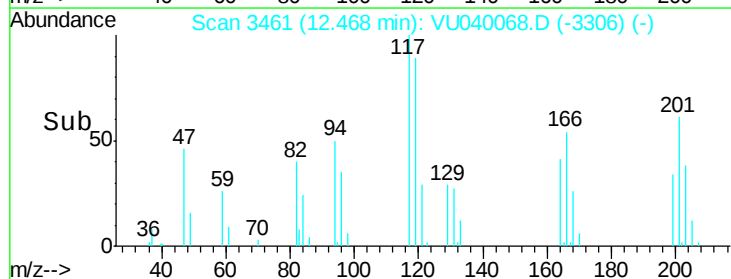
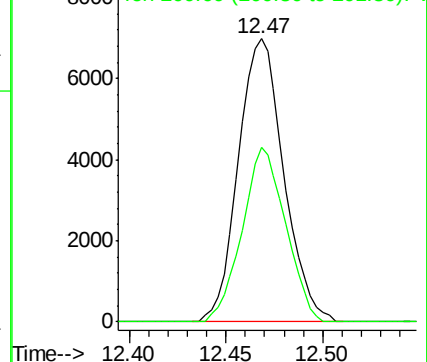
117 100

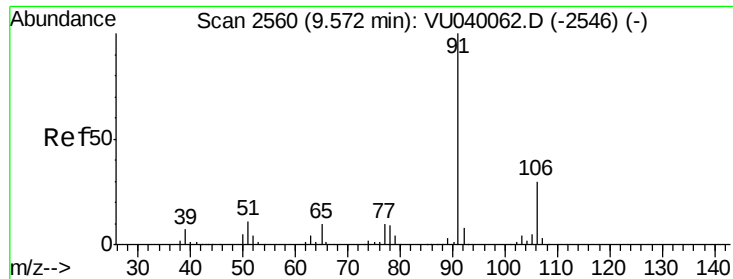
201 58.9 47.0 70.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

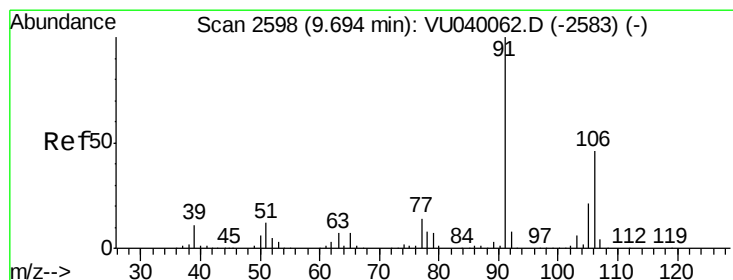
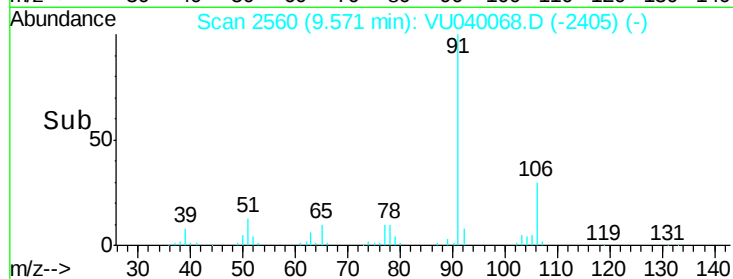
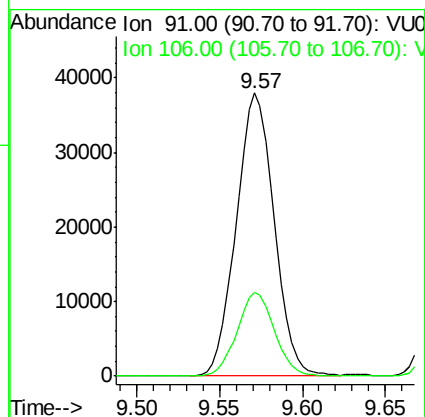
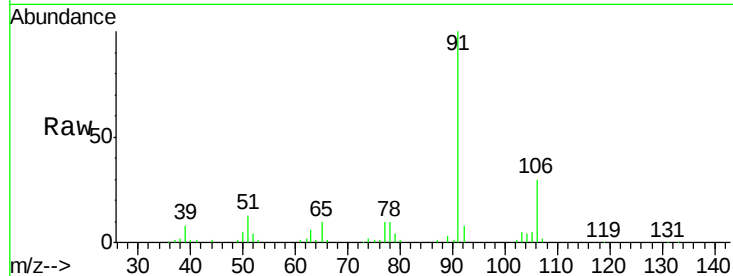




#63
Ethyl Benzene
Concen: 1.786 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

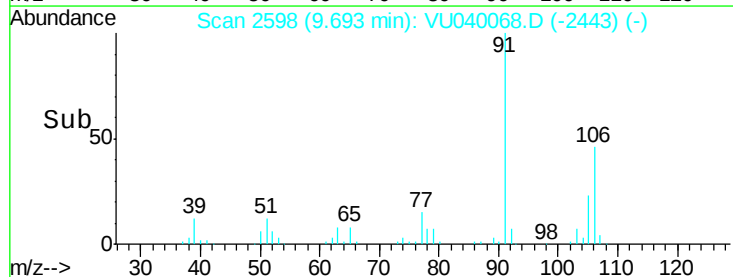
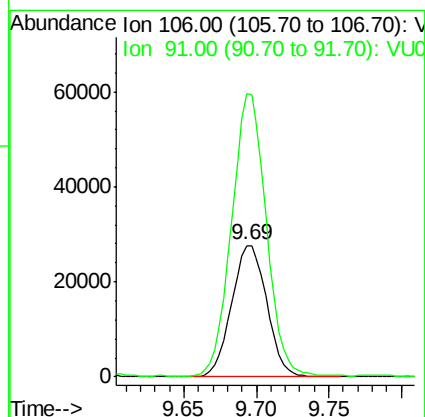
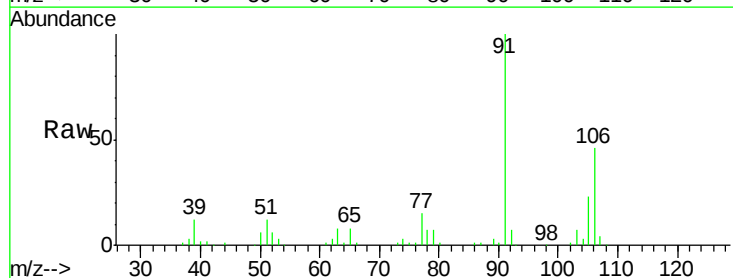
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

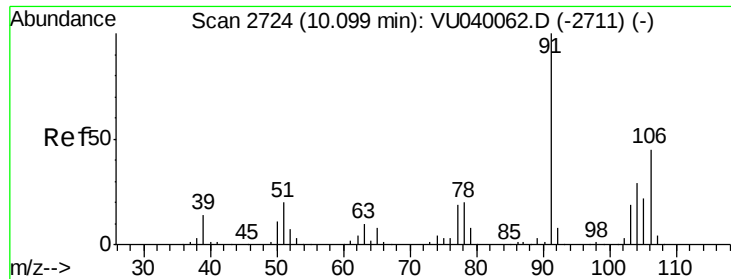
Tgt Ion: 91 Resp: 60339
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#64
m/p-Xylenes
Concen: 3.689 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion: 106 Resp: 46579
Ion Ratio Lower Upper
106 100
91 213.7 171.4 257.2





#65

o-Xylene

Concen: 1.872 ug/l

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

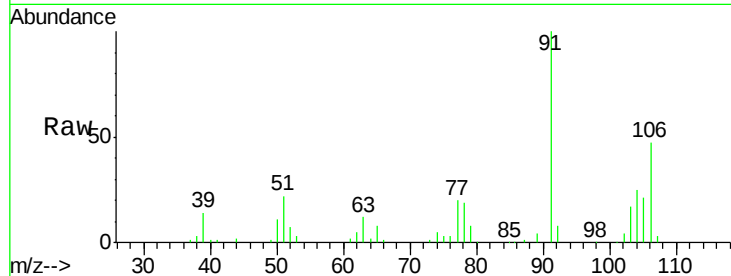
VU0909WBSD01

Tgt Ion:106 Resp: 22812

Ion Ratio Lower Upper

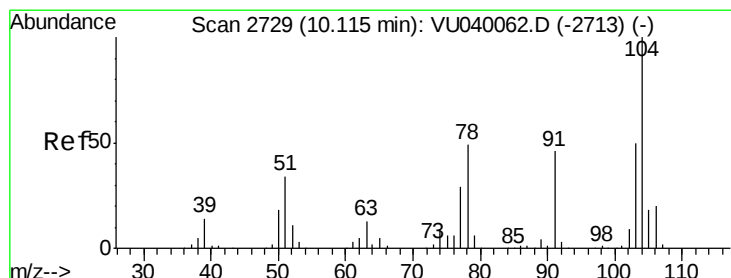
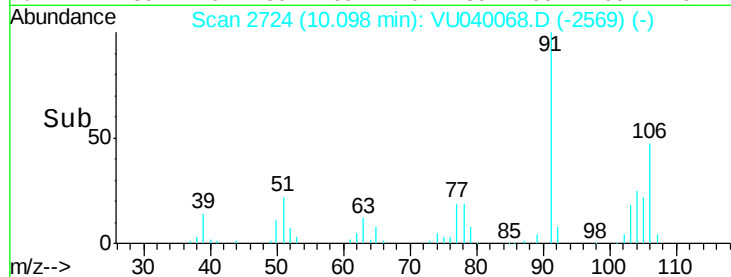
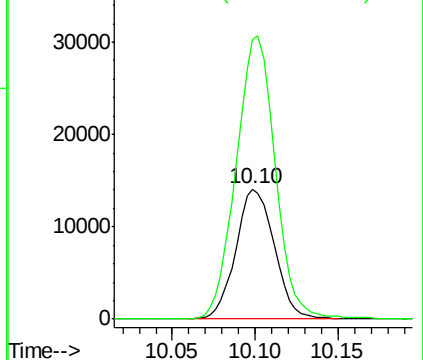
106 100

91 221.6 114.2 342.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.782 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

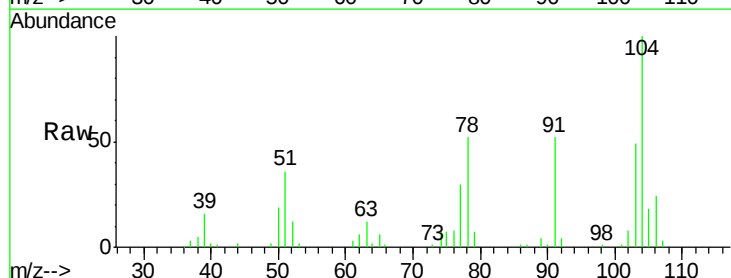
Tgt Ion:104 Resp: 38142

Ion Ratio Lower Upper

104 100

78 58.0 43.9 65.9

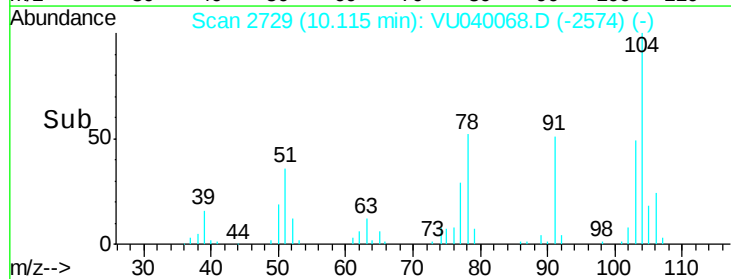
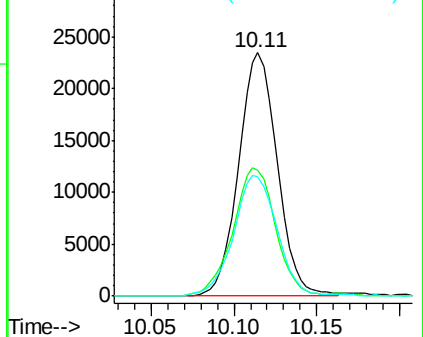
103 55.5 43.7 65.5

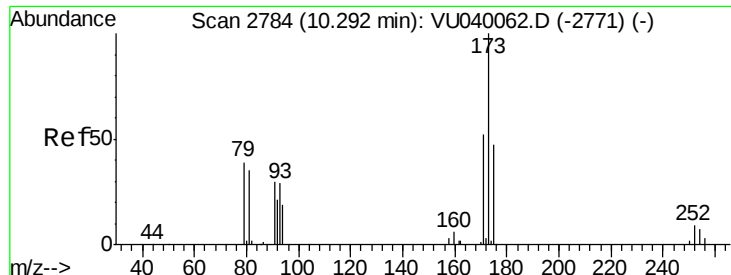


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

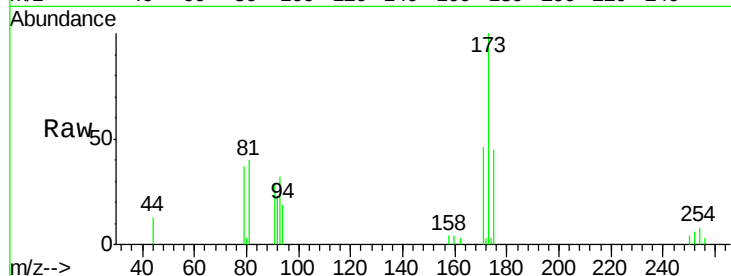




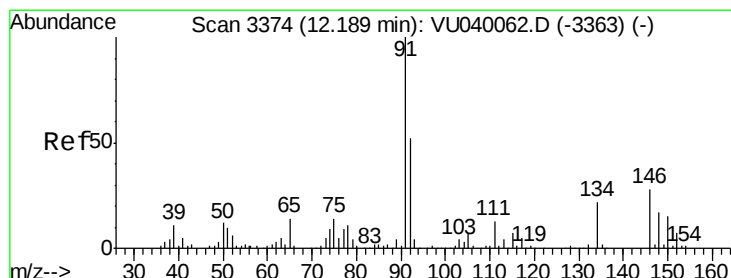
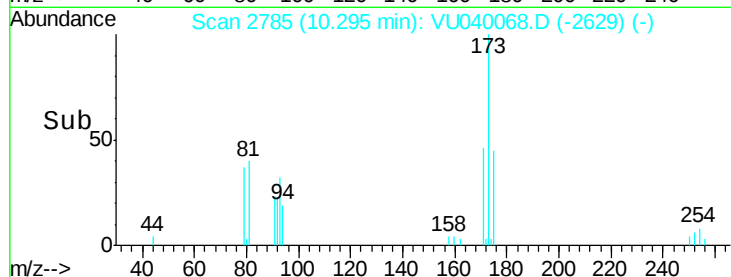
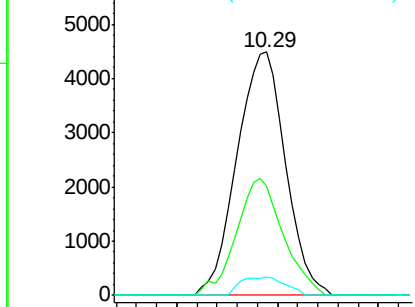
#67
Bromoform
Concen: 1.984 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Tgt Ion:173 Resp: 7552
Ion Ratio Lower Upper
173 100
175 46.4 38.0 57.0
254 7.0 5.8 8.8

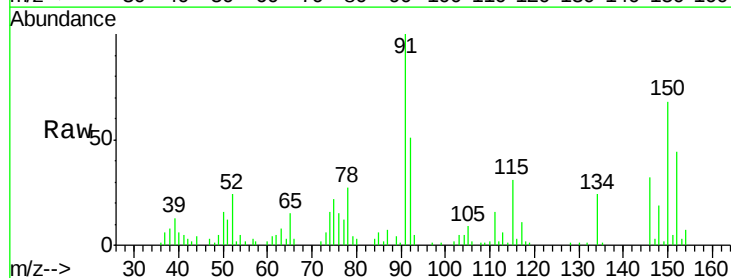


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

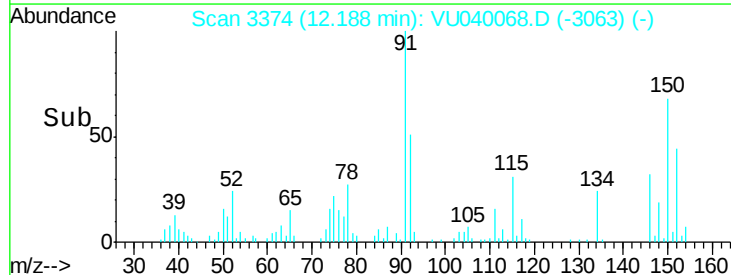
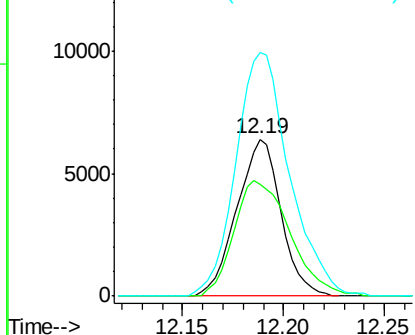


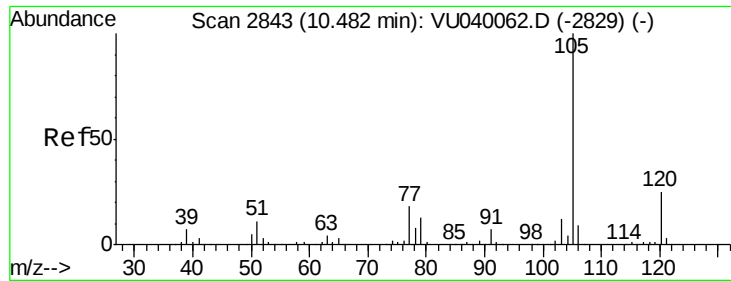
#68
1,2-Dichlorobenzene-d4
Concen: 0.945 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion:152 Resp: 9781
Ion Ratio Lower Upper
152 100
115 93.7 0.0 309.0
150 189.2 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: 1.760 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

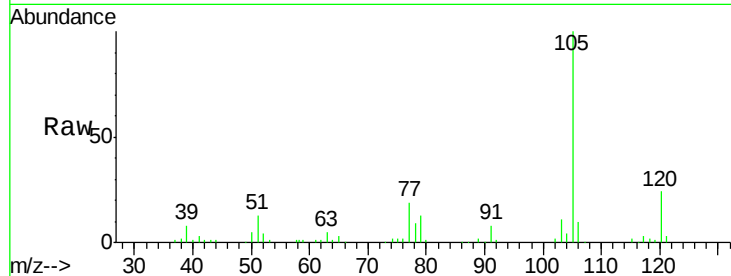
VU0909WBSD01

Tgt Ion:105 Resp: 59037

Ion Ratio Lower Upper

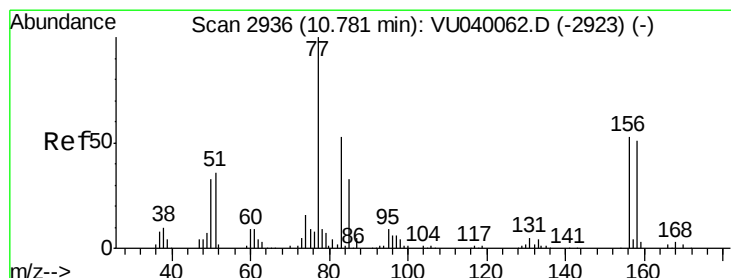
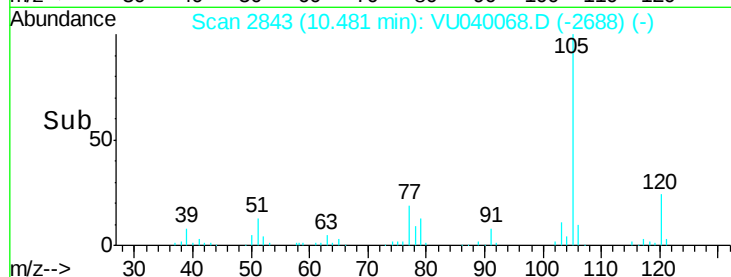
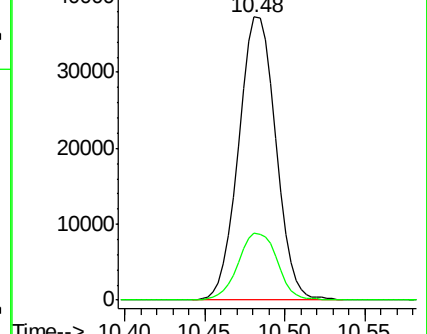
105 100

120 25.1 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: 1.858 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

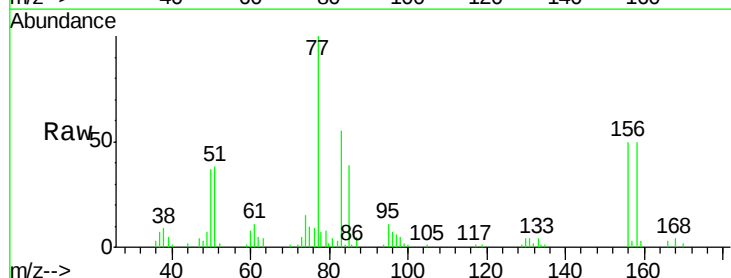
Tgt Ion: 83 Resp: 15733

Ion Ratio Lower Upper

83 100

131 9.3 7.5 11.3

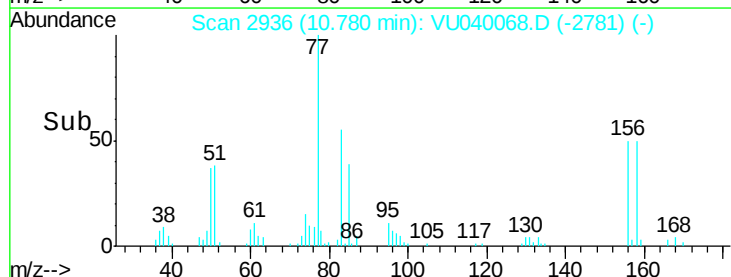
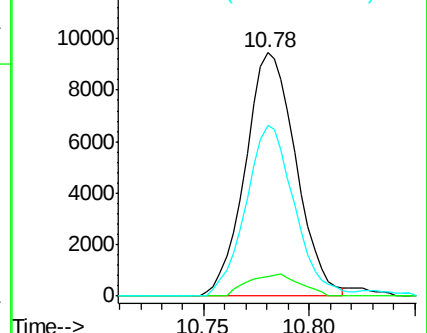
85 67.2 49.7 74.5

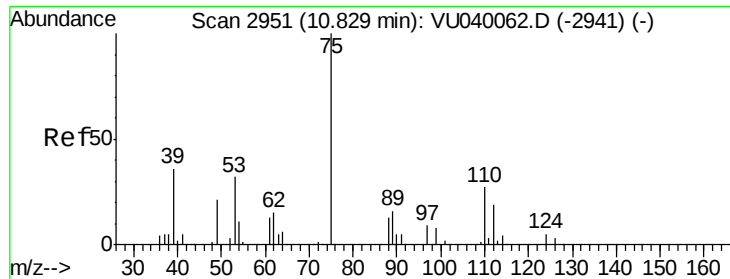


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

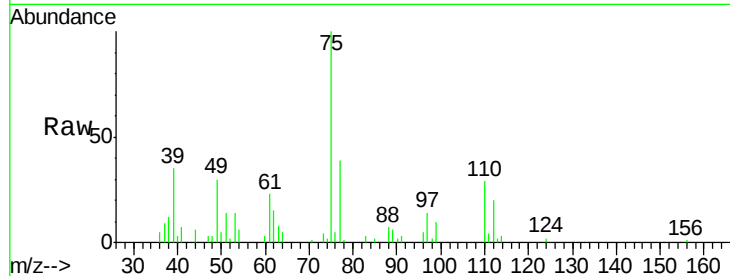




#71
 1,2,3-Trichloropropane
 Concen: 3.162 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

Tgt Ion:	75	Resp:	20787
Ion	Ratio	Lower	Upper
75	100		
77	34.8	0.0	111.4
110	21.1	0.0	70.8
97	10.2	0.0	36.0

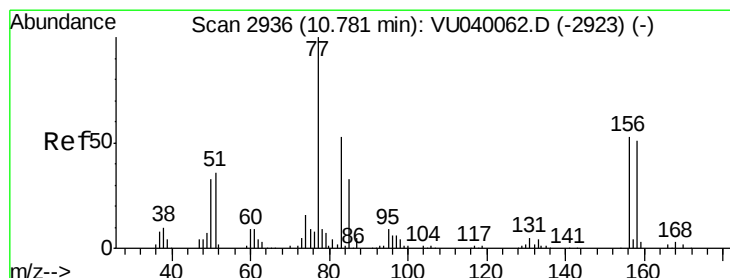
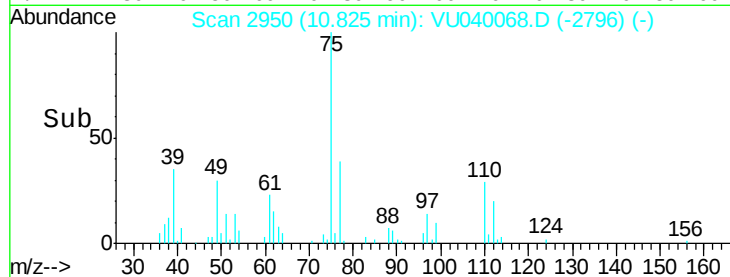
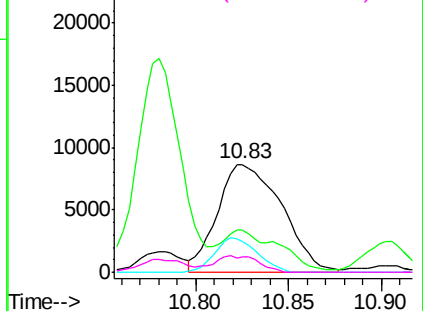


Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2941) (-)

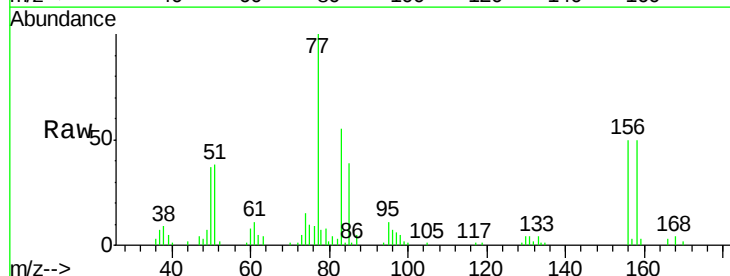
Ion 110.00 (109.70 to 110.70): VU040062.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU040062.D (-2941) (-)



#72
 Bromobenzene
 Concen: 1.880 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

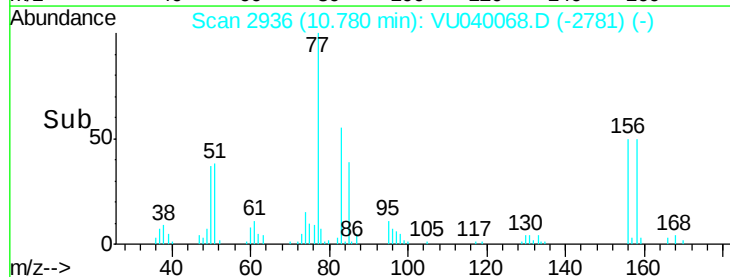
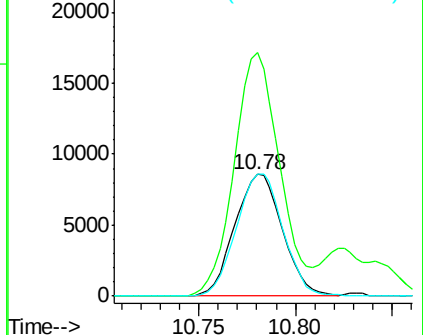
Tgt Ion:	156	Resp:	14710
Ion	Ratio	Lower	Upper
156	100		
77	191.7	0.0	383.6
158	97.8	0.0	195.0

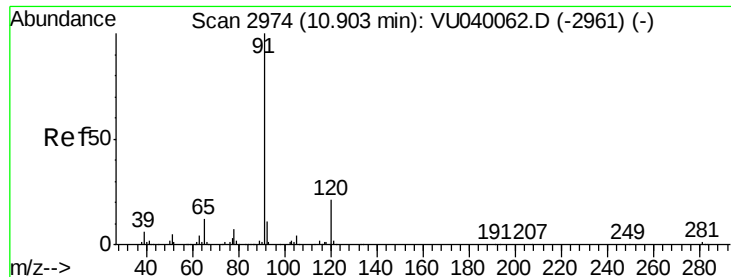


Abundance Ion 156.00 (155.70 to 156.70): VU040062.D (-2923) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2923) (-)

Ion 158.00 (157.70 to 158.70): VU040062.D (-2923) (-)

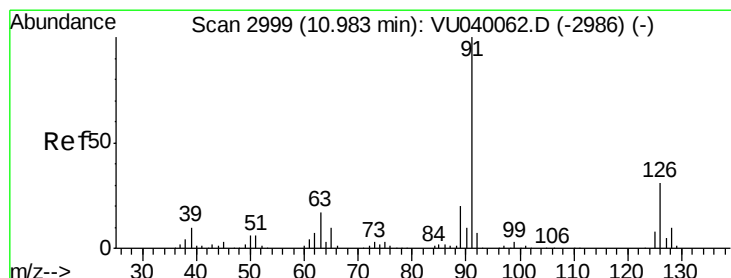
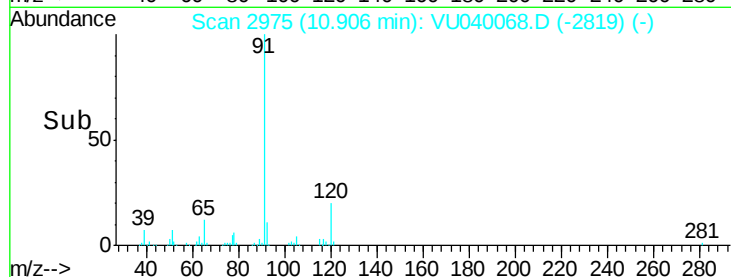
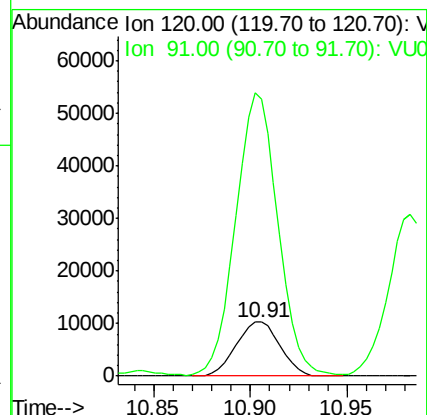
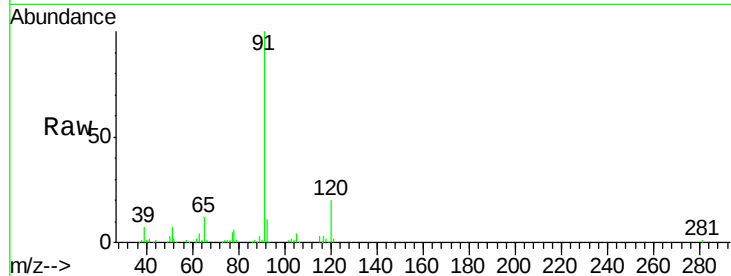




#73
n-propylbenzene
Concen: 1.773 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. 0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

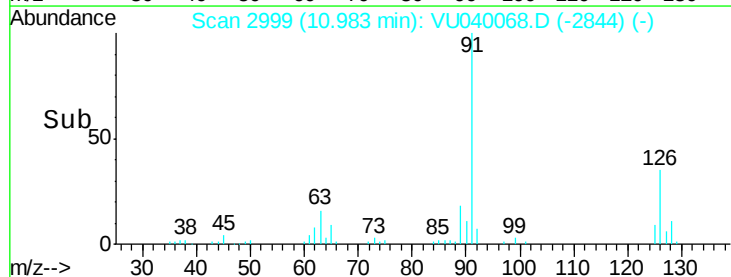
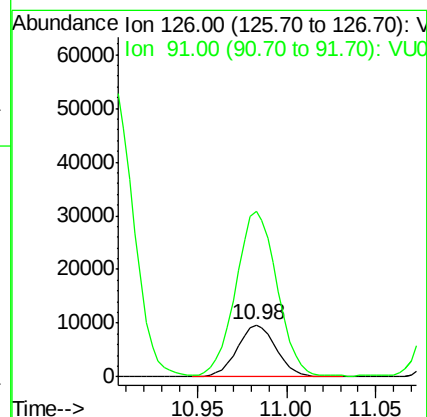
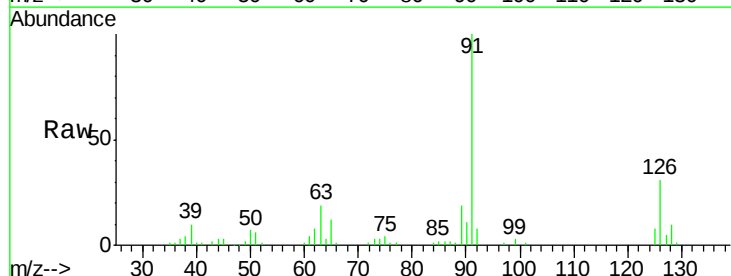
Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

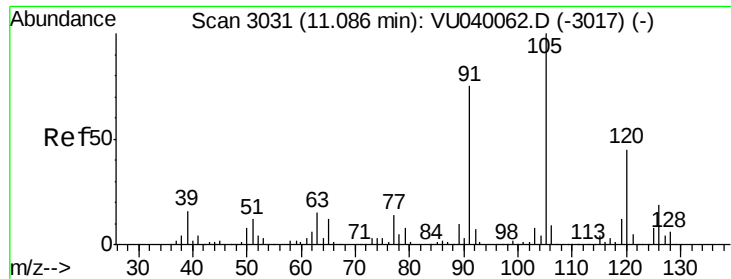
Tgt Ion:120 Resp: 16351
Ion Ratio Lower Upper
120 100
91 498.9 380.4 570.6



#74
2-Chlorotoluene
Concen: 1.843 ug/l
RT: 10.98 min Scan# 2999
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion:126 Resp: 14853
Ion Ratio Lower Upper
126 100
91 332.7 0.0 649.6





#75

1,3,5-Trimethylbenzene

Concen: 1.773 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

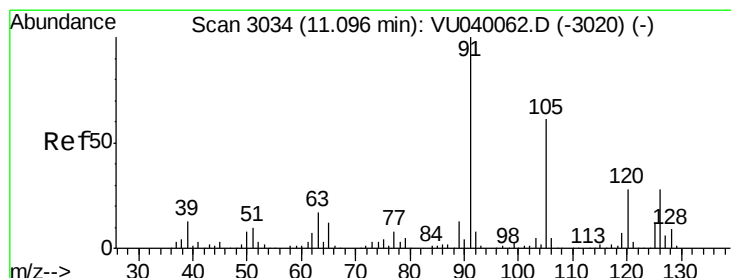
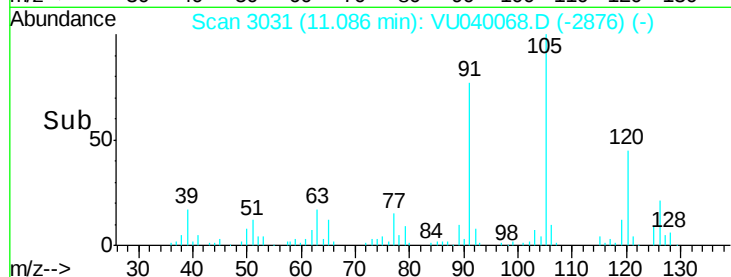
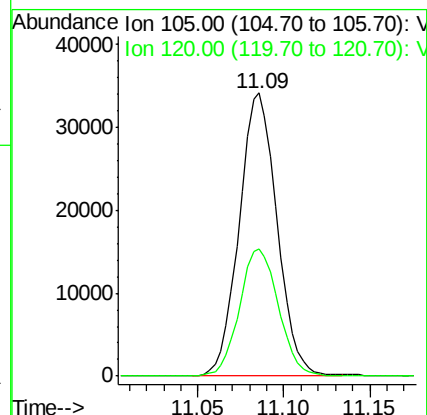
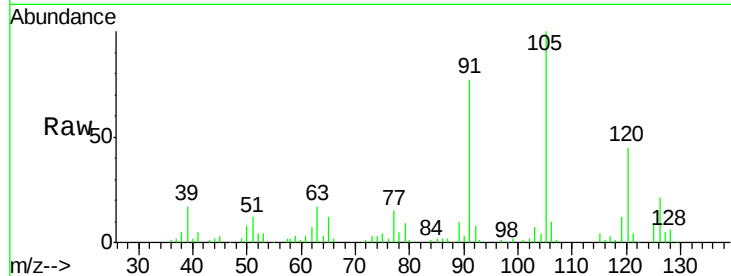
VU0909WBSD01

Tgt Ion:105 Resp: 52098

Ion Ratio Lower Upper

105 100

120 46.4 36.6 55.0



#76

4-Chlorotoluene

Concen: 1.940 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040068.D

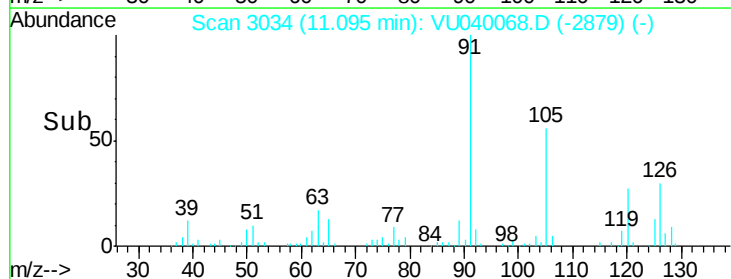
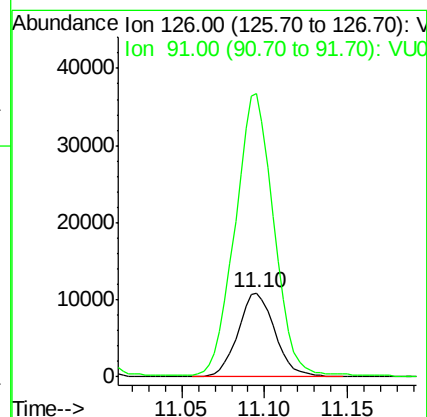
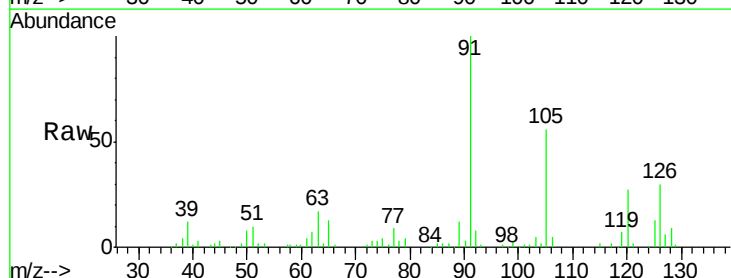
Acq: 09 Sep 2020 18:13

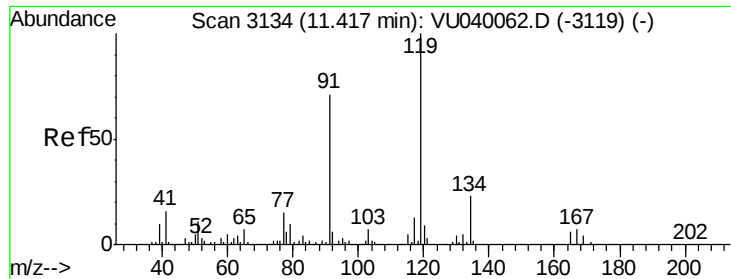
Tgt Ion:126 Resp: 16854

Ion Ratio Lower Upper

126 100

91 349.2 0.0 735.6

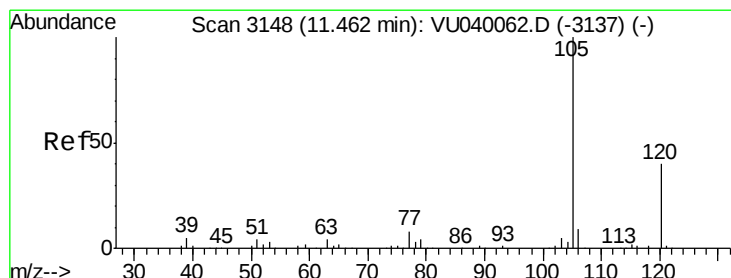
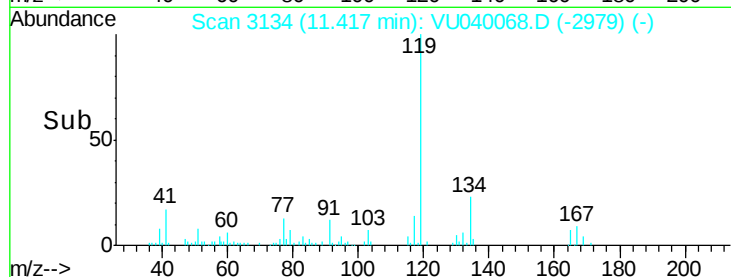
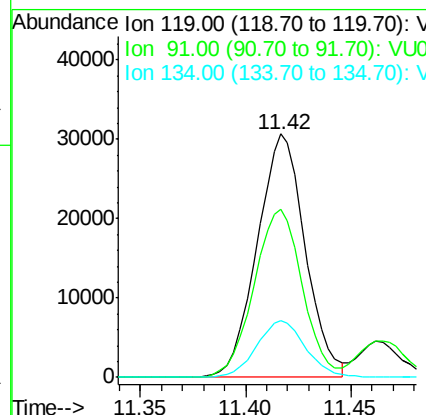
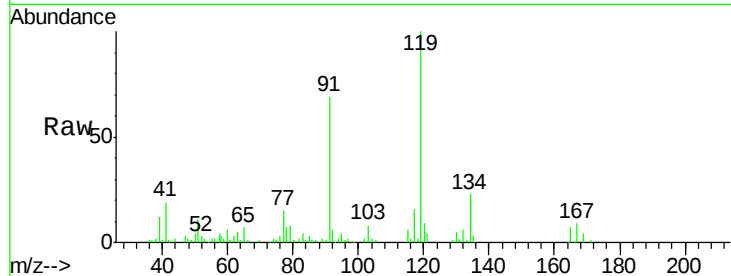




#77
 tert-Butylbenzene
 Concen: 1.773 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

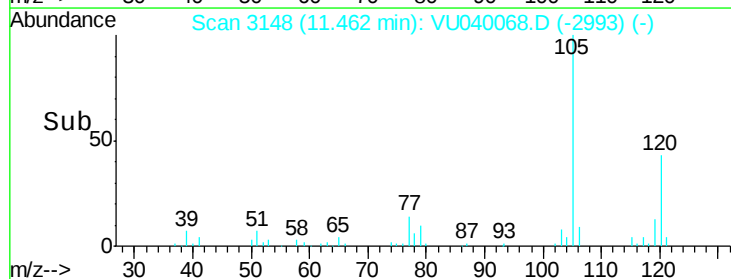
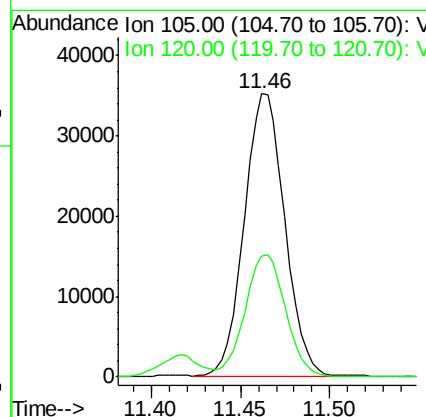
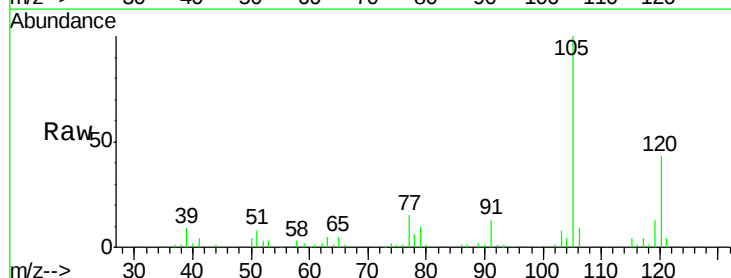
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

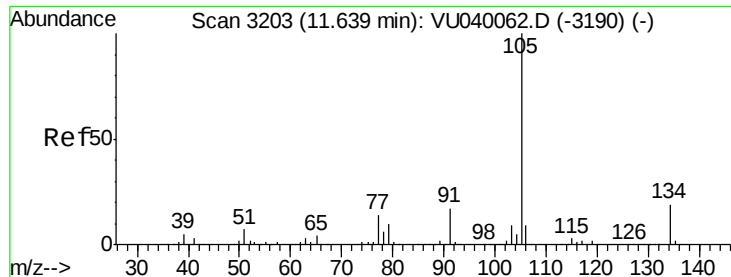
Tgt Ion:119 Resp: 48452
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.2 102.5
 134 23.5 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.800 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion:105 Resp: 55473
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.5





#79

sec-Butylbenzene

Concen: 1.808 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

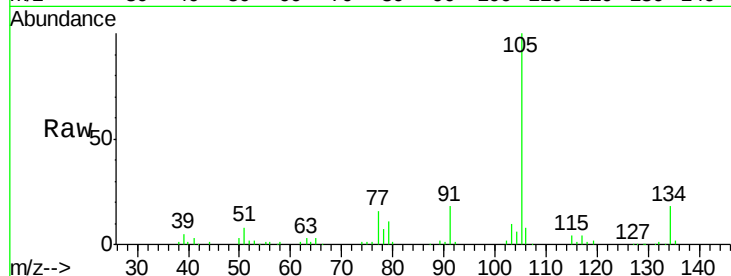
VU0909WBSD01

Tgt Ion: 105 Resp: 71571

Ion Ratio Lower Upper

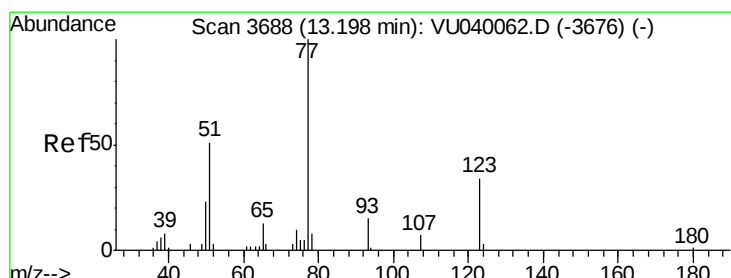
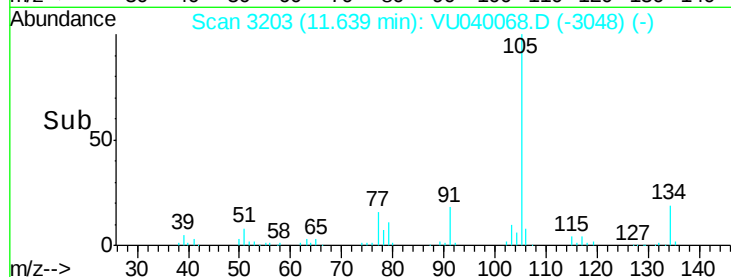
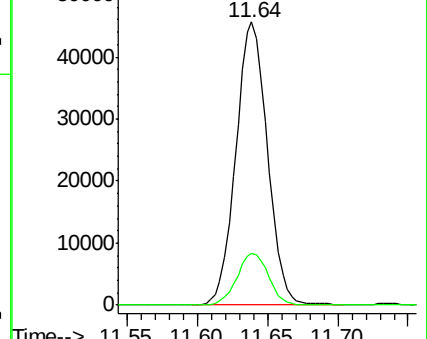
105 100

134 18.3 15.0 22.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 8.669 ug/l

RT: 13.20 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

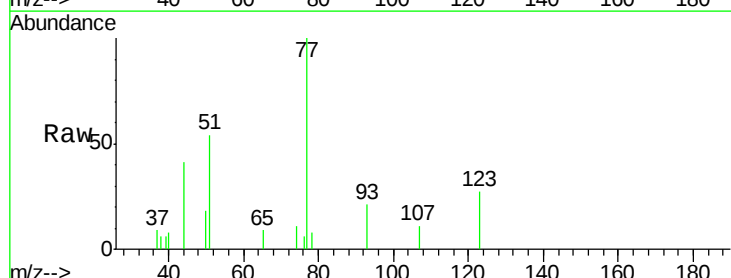
Tgt Ion: 77 Resp: 2944

Ion Ratio Lower Upper

77 100

123 32.0 16.4 58.0

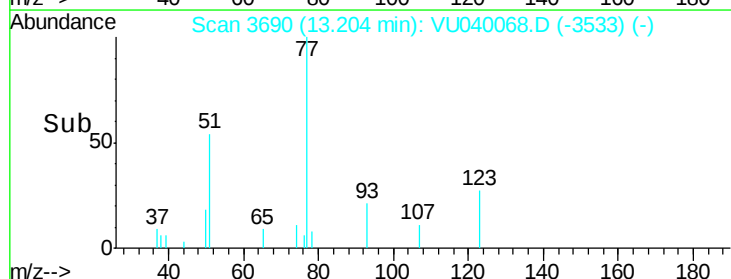
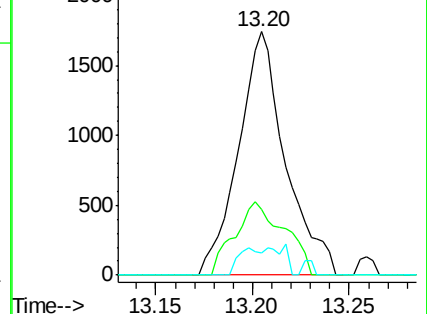
65 5.4 12.5 15.9#

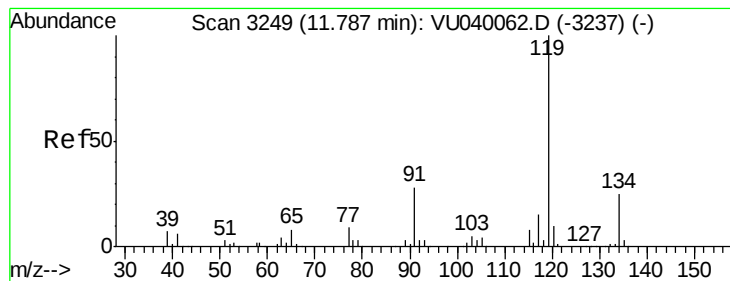


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 1.820 ug/l

RT: 11.79 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBSD01

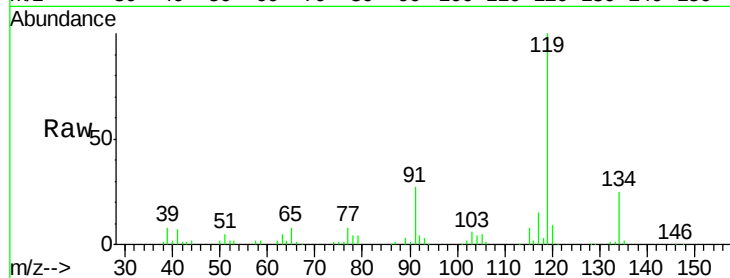
Tgt Ion:119 Resp: 57349

Ion Ratio Lower Upper

119 100

134 24.7 20.3 30.5

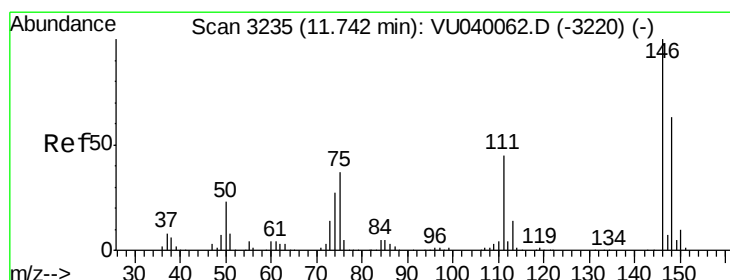
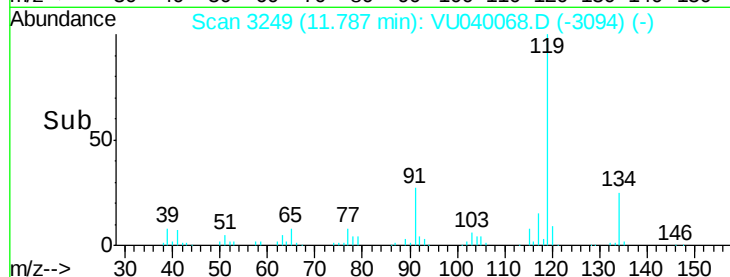
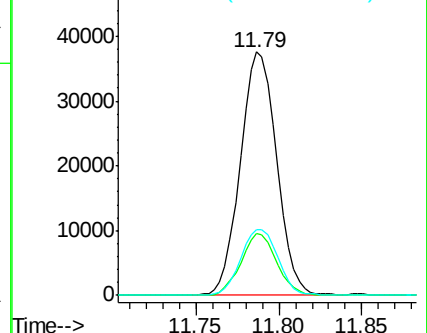
91 27.8 22.2 33.2



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: 1.862 ug/l

RT: 11.74 min Scan# 3234

Delta R.T. -0.00 min

Lab File: VU040068.D

Acq: 09 Sep 2020 18:13

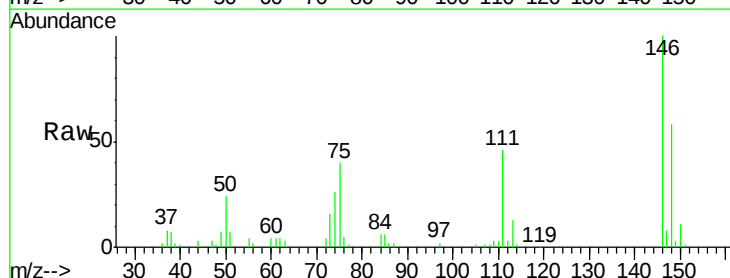
Tgt Ion:146 Resp: 32085

Ion Ratio Lower Upper

146 100

111 44.7 35.4 53.0

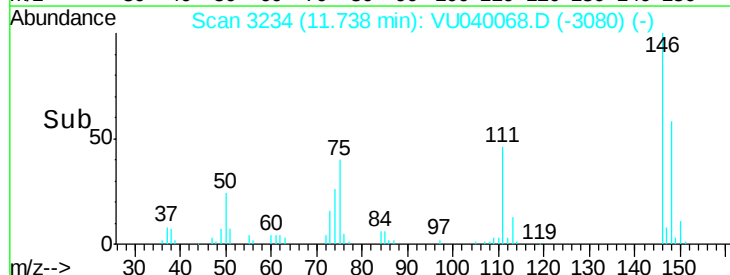
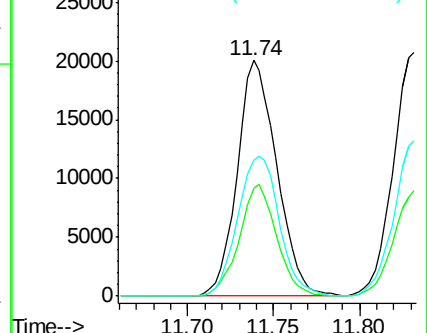
148 62.4 49.7 74.5

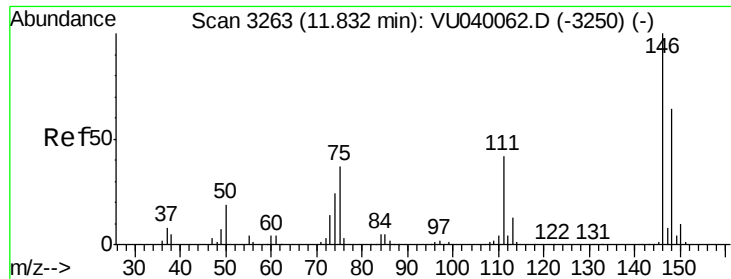


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

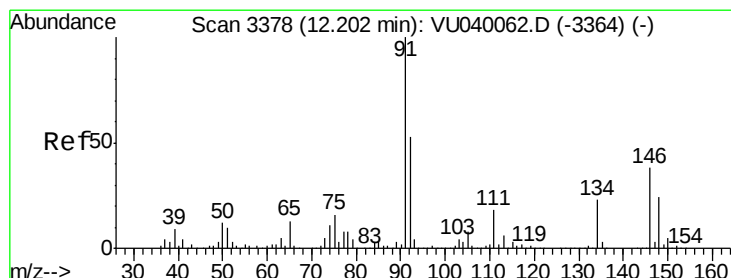
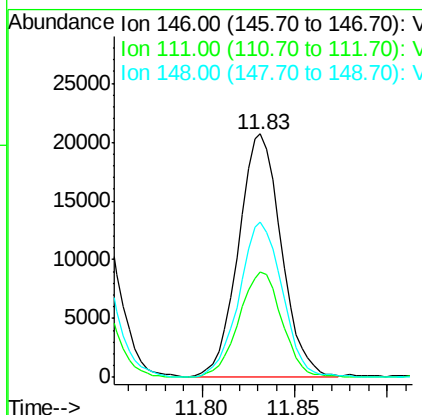
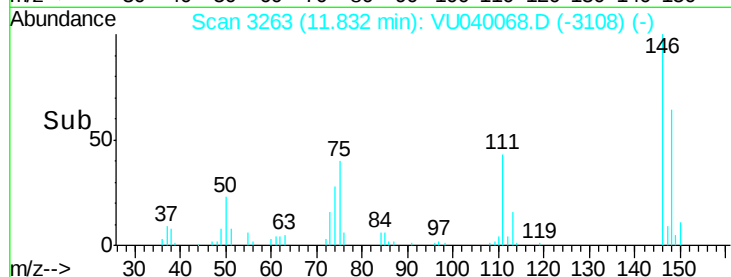
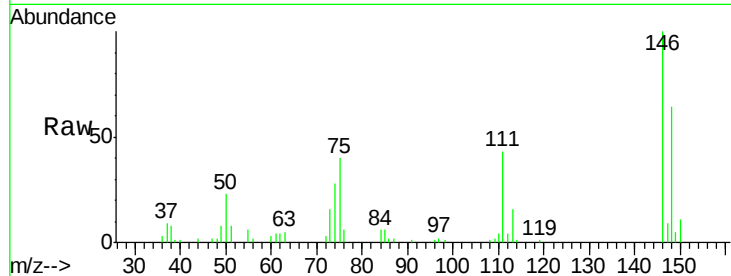




#83
 1,4-Dichlorobenzene
 Concen: 1.942 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

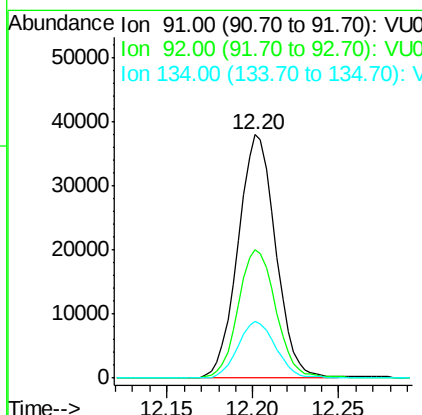
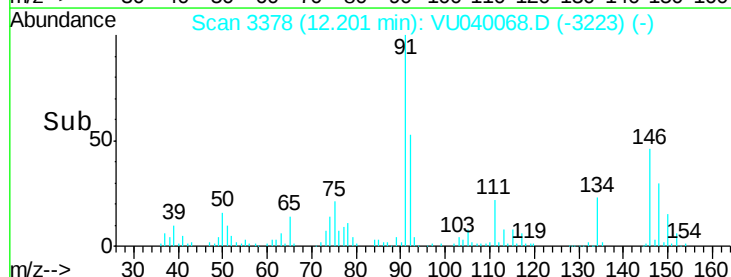
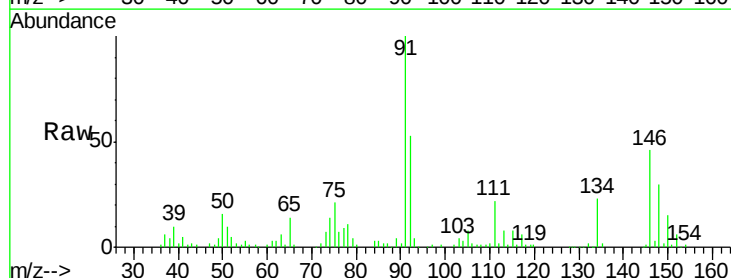
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

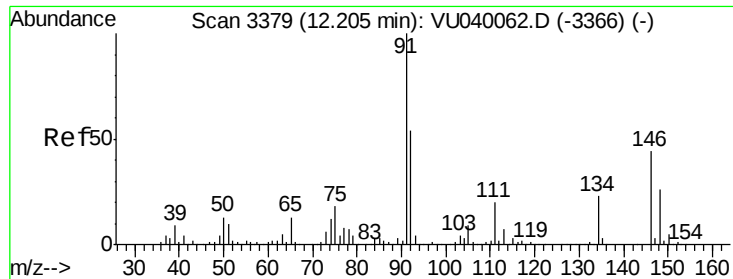
Tgt Ion: 146 Resp: 33259
 Ion Ratio Lower Upper
 146 100
 111 43.6 34.2 51.2
 148 64.3 50.2 75.2



#84
 n-Butylbenzene
 Concen: 1.790 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 91 Resp: 57977
 Ion Ratio Lower Upper
 91 100
 92 52.8 43.0 64.4
 134 23.3 18.6 27.8

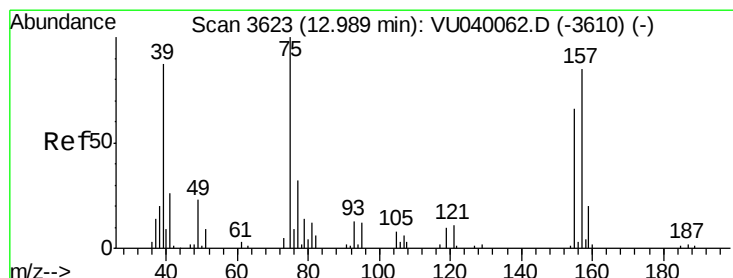
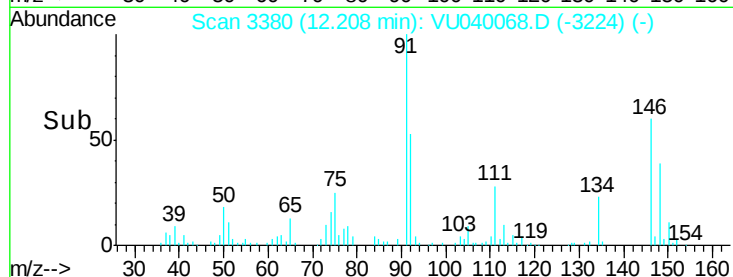
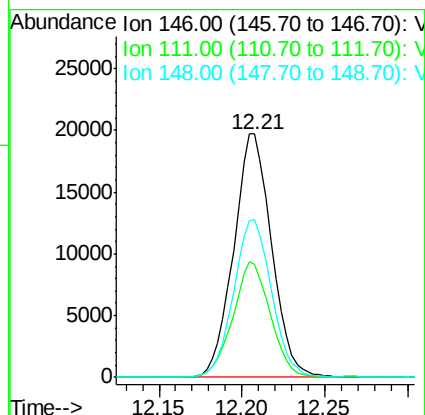
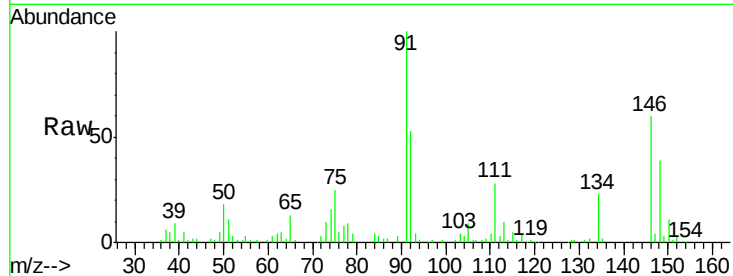




#85
 1,2-Dichlorobenzene
 Concen: 1.894 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

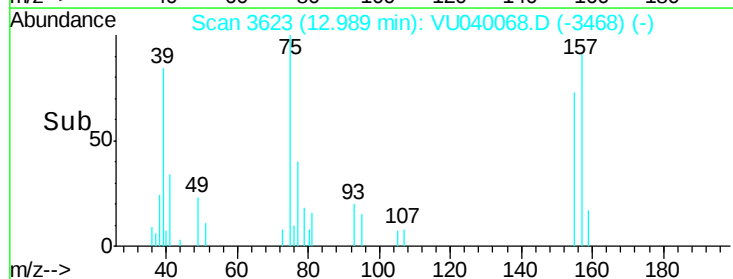
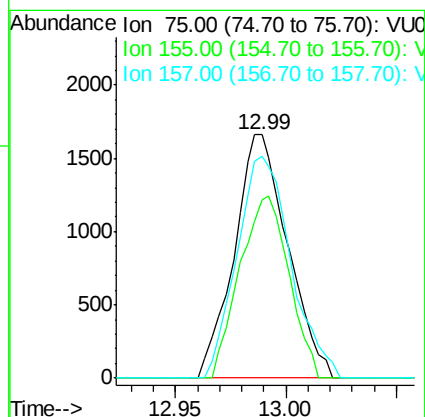
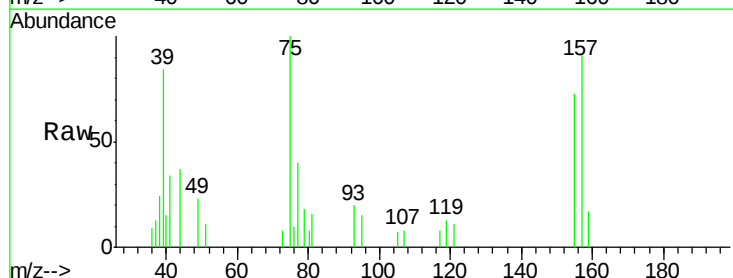
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

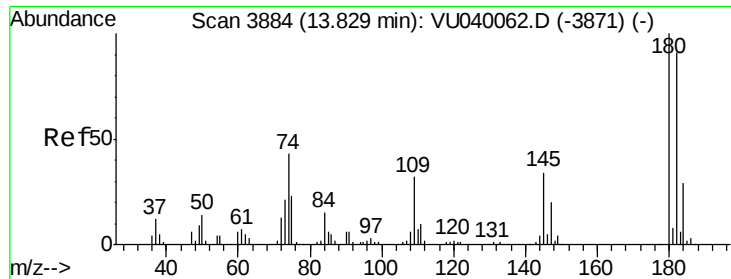
Tgt Ion: 146 Resp: 31389
 Ion Ratio Lower Upper
 146 100
 111 46.9 22.9 68.7
 148 64.7 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.772 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion: 75 Resp: 2792
 Ion Ratio Lower Upper
 75 100
 155 68.8 53.4 80.0
 157 92.3 65.8 98.8

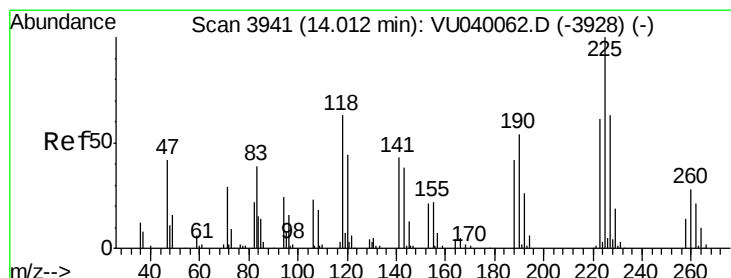
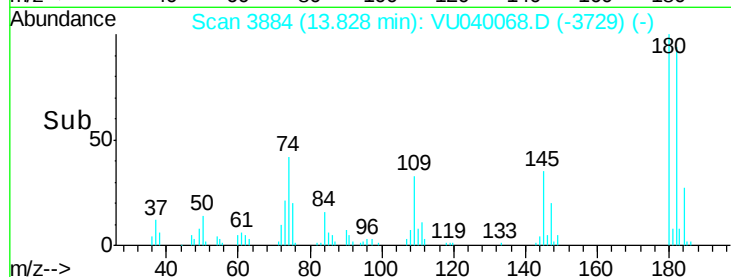
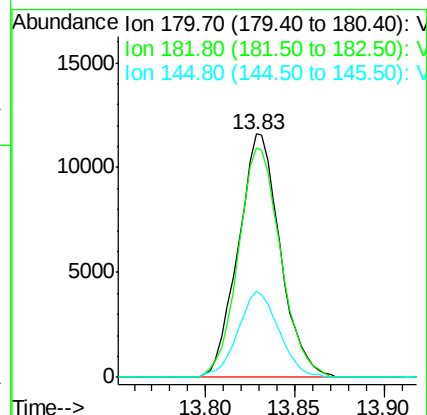
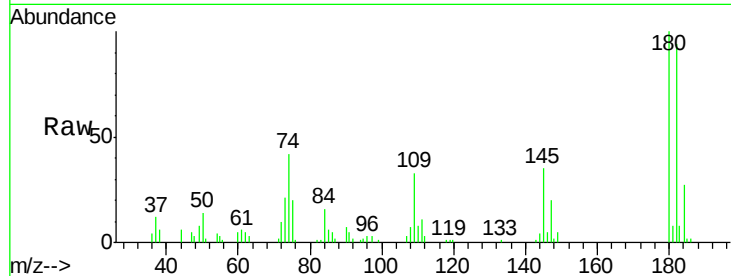




#87
 1,2,4-Trichlorobenzene
 Concen: 1.980 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

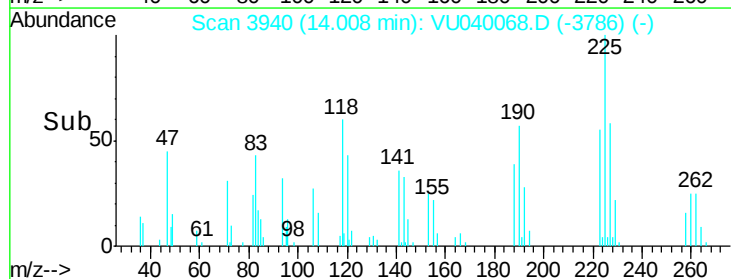
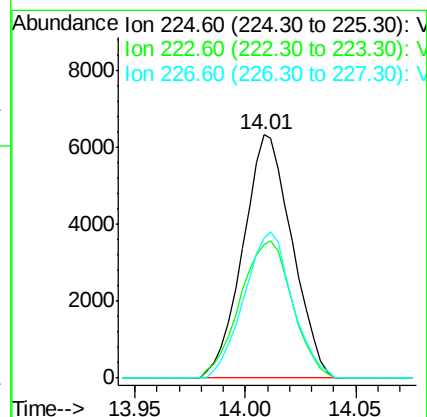
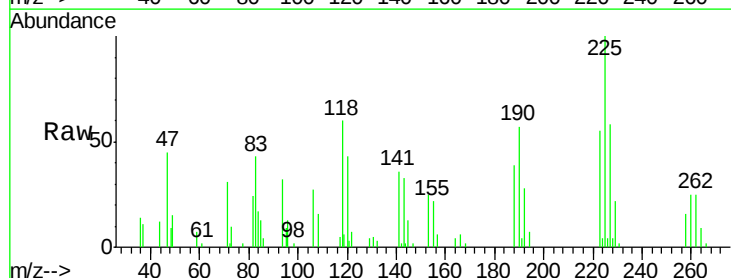
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBSD01

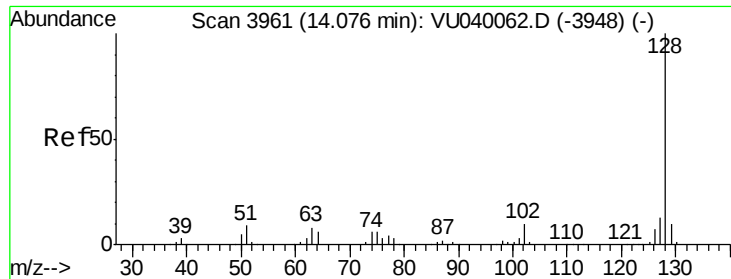
Tgt Ion:180 Resp: 18935
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.0 112.4
 145 34.6 27.7 41.5



#88
 Hexachlorobutadiene
 Concen: 1.974 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VU040068.D
 Acq: 09 Sep 2020 18:13

Tgt Ion:225 Resp: 9767
 Ion Ratio Lower Upper
 225 100
 223 60.1 50.7 76.1
 227 59.1 51.1 76.7

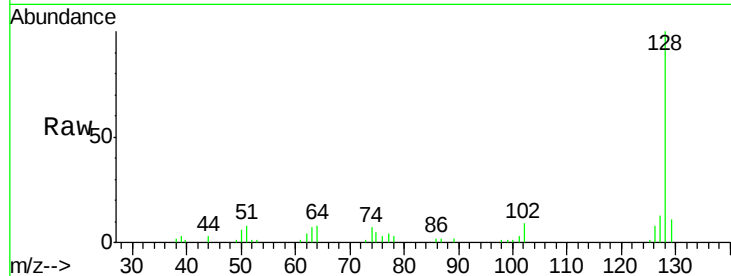




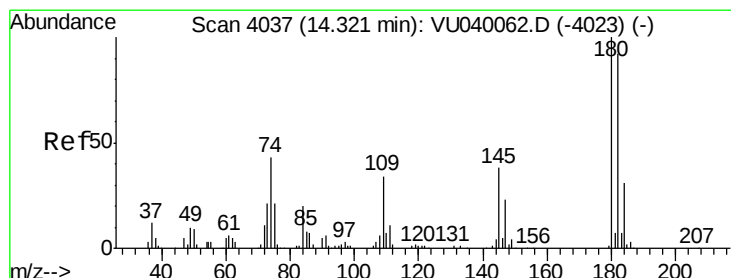
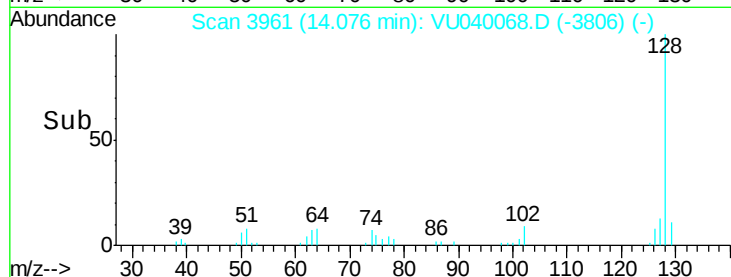
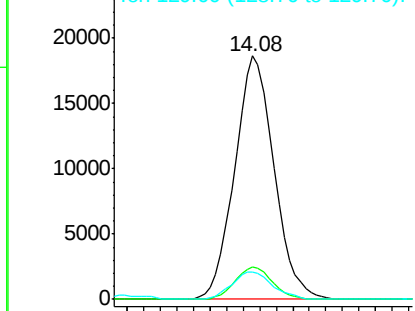
#89
Naphthalene
Concen: 1.798 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBSD01

Tgt Ion:128 Resp: 30768
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.5 8.3 12.5

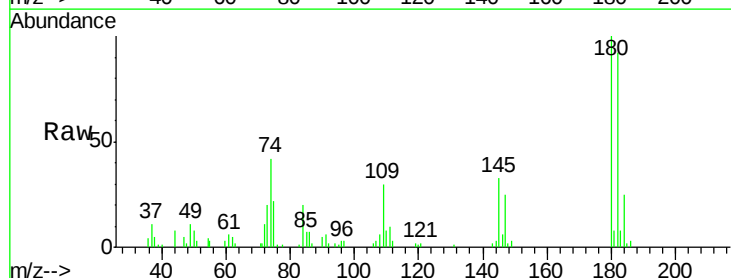


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.830 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040068.D
Acq: 09 Sep 2020 18:13

Tgt Ion:180 Resp: 16305
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 33.7 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

