

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039708.D
 Acq On : 29 Jul 2020 17:24
 Operator : SY/MD
 Sample : L3319-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Quant Time: Jul 30 01:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20413	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7774	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8148	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	168686	19.144	ug/l 100
5) Bromomethane	1.87	94	3123	0.562	ug/l 88
6) Chloroethane	1.94	64	90172	16.004	ug/l 99
10) Iodomethane	2.75	142	3160	0.552	ug/l 92
12) Acrylonitrile	3.38	53	8129	4.083	ug/l # 32
13) Acetone	2.64	43	1434	0.766	ug/l 92
15) Methylene Chloride	3.06	84	5216	0.660	ug/l 89
17) 1,1-Dichloroethane	3.89	63	105847	7.475	ug/l 99
18) 2-Butanone	4.67	43	3745	1.189	ug/l 78
21) 2,2-Dichloropropane	4.68	77	172815	14.961	ug/l 96
22) cis-1,2-Dichloroethene	4.68	96	1659	0.239	ug/l # 1
24) tert-Butyl Alcohol	3.20	59	6391	1.004	ug/l # 74
25) Methyl tert-Butyl Ether	3.38	73	626186	33.836	ug/l 98
26) Bromochloromethane	4.99	128	43480	15.290	ug/l 100
29) 1,1-Dichloropropene	5.54	75	40866	3.958	ug/l 98
37) Trichloroethene	6.55	130	1579	0.270	ug/l 90
43) Dibromomethane	6.93	93	29319	7.740	ug/l 99
46) t-1,4-Dichloro-2-butene	10.83	75	94468	55.349	ug/l # 15
50) t-1,3-Dichloropropene	8.22	75	128220	16.391	ug/l 99
51) cis-1,3-Dichloropropene	7.62	75	137354	14.939	ug/l 98
53) 1,3-Dichloropropane	8.58	76	121629	12.870	ug/l 99
60) 1,1,1,2-Tetrachloroethane	9.54	131	67732	12.778	ug/l 98
61) Pentachloroethane	11.42	117	12278	2.636	ug/l # 19
69) Isopropylbenzene	10.48	105	275926	9.885	ug/l 100
70) 1,1,2,2-Tetrachloroethane	10.78	83	129984	18.346	ug/l 97
71) 1,2,3-Trichloropropane	10.83	75	94468	17.699	ug/l 87
72) Bromobenzene	10.78	156	42764	6.746	ug/l 98
73) n-propylbenzene	10.91	120	105506	13.443	ug/l 95
74) 2-Chlorotoluene	10.99	126	50997	7.691	ug/l 98
75) 1,3,5-Trimethylbenzene	11.09	105	432104	17.906	ug/l 100
76) 4-Chlorotoluene	11.10	126	68148	9.923	ug/l 84
77) tert-Butylbenzene	11.42	119	236030	10.196	ug/l 92
78) 1,2,4-Trimethylbenzene	11.46	105	468641	18.936	ug/l 99
79) sec-Butylbenzene	11.64	105	299999	9.104	ug/l 100
81) p-Isopropyltoluene	11.79	119	464907	17.507	ug/l 100
82) 1,3-Dichlorobenzene	11.74	146	206277	15.118	ug/l 99
83) 1,4-Dichlorobenzene	11.74	146	206277	15.030	ug/l 99
84) n-Butylbenzene	12.20	91	187014	6.630	ug/l 100
88) Hexachlorobutadiene	14.01	225	53045	14.201	ug/l 97
89) Naphthalene	14.08	128	887100	50.405	ug/l 99
90) 1,2,3-Trichlorobenzene	14.32	180	298762	38.476	ug/l 99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:45:12 2020
Response via : Initial Calibration

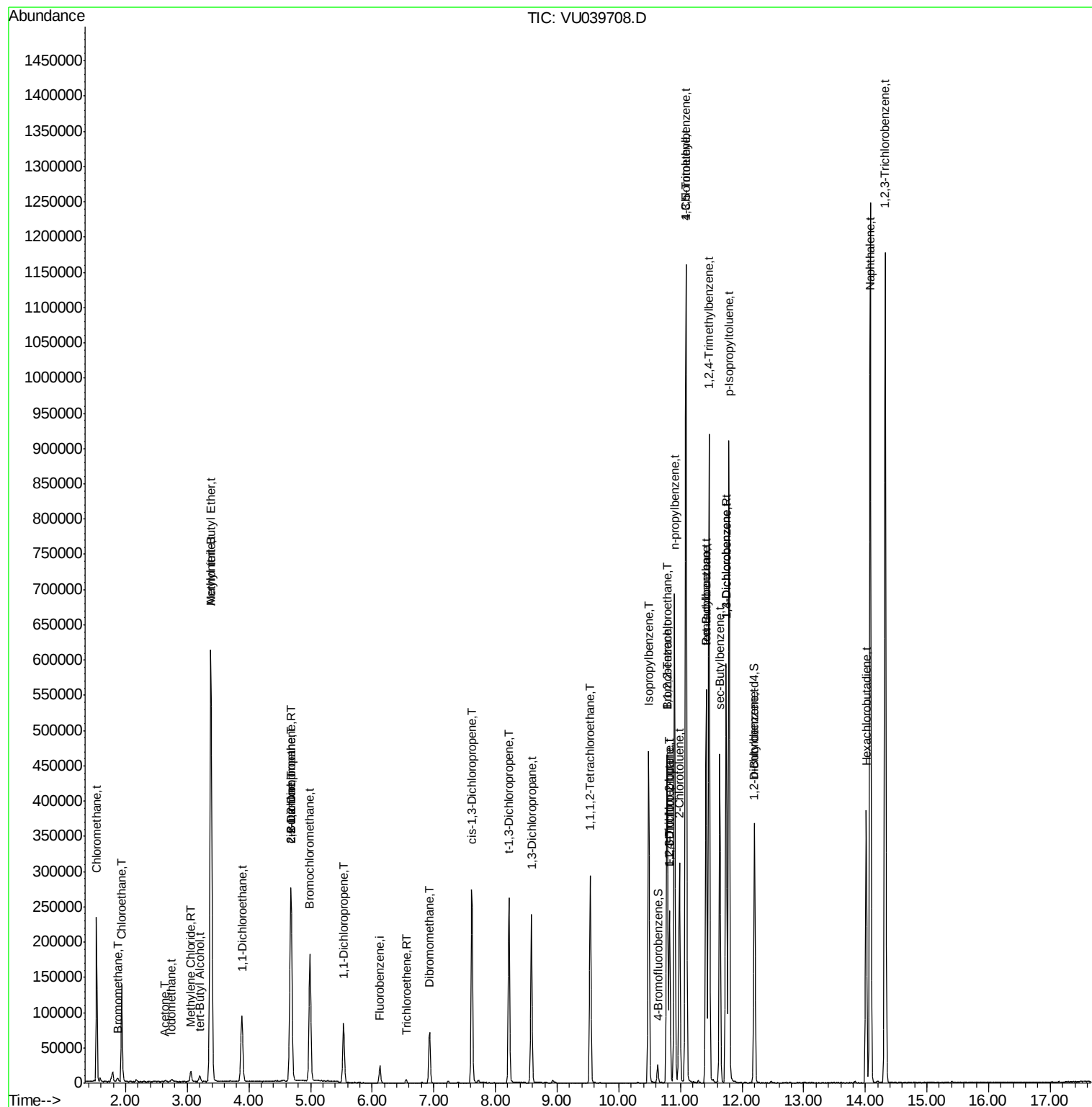
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

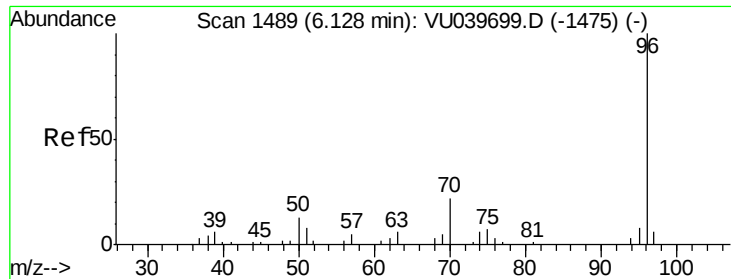
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039708.D
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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: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

Tot Ion: 96 Resp: 20413

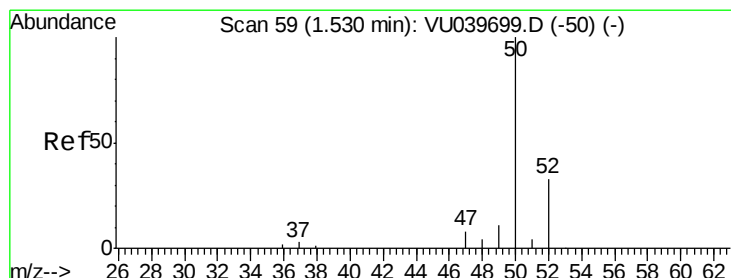
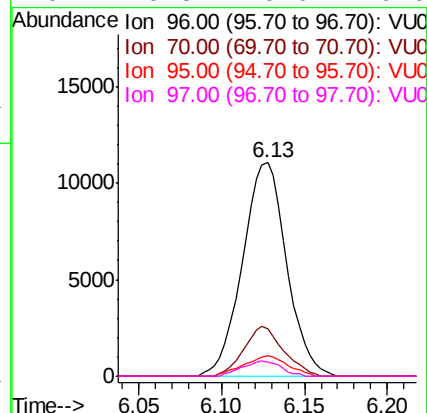
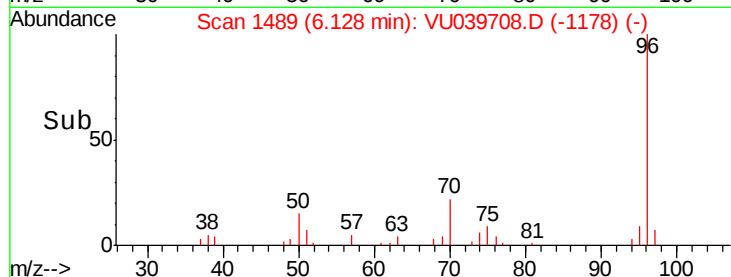
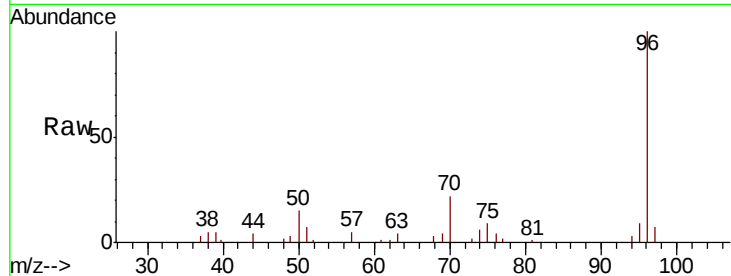
Ion Ratio Lower Upper

96 100

70 20.9 16.3 24.5

95 9.6 6.8 10.2

97 6.3 0.0 0.0#



#3

Chloromethane

Concen: 19.144 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039708.D

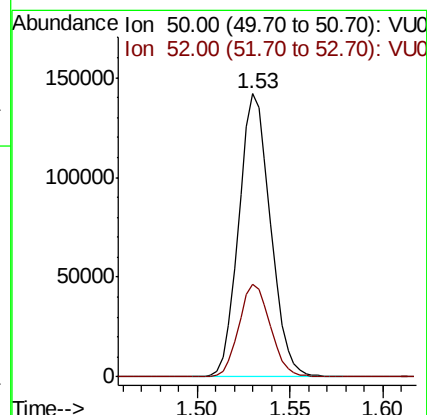
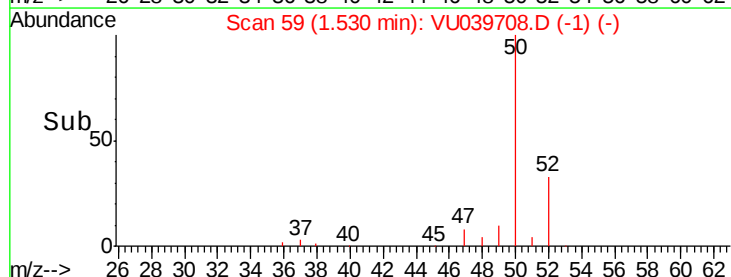
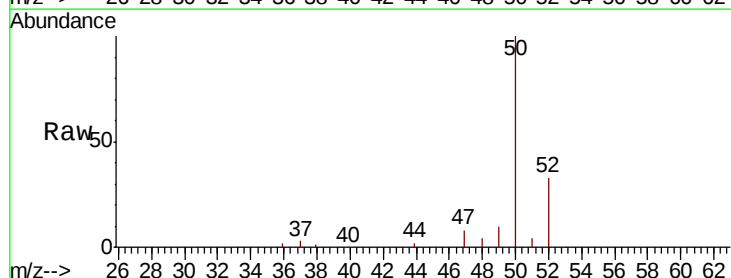
Acq: 29 Jul 2020 17:24

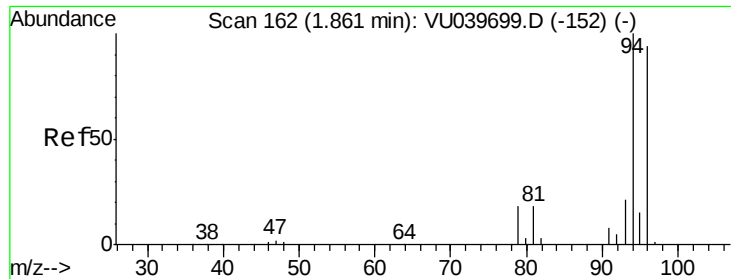
Tgt Ion: 50 Resp: 168686

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0

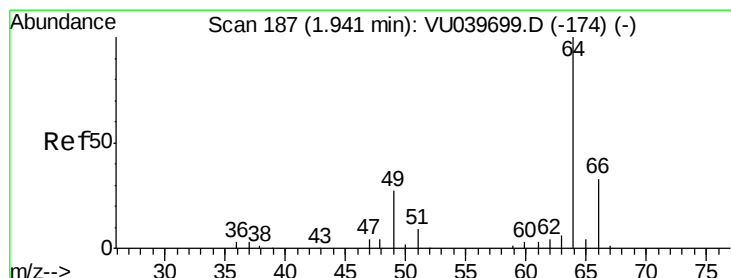
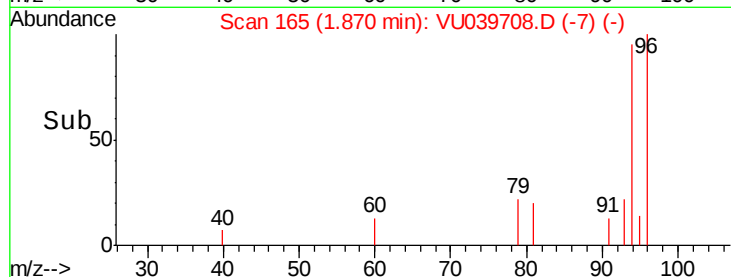
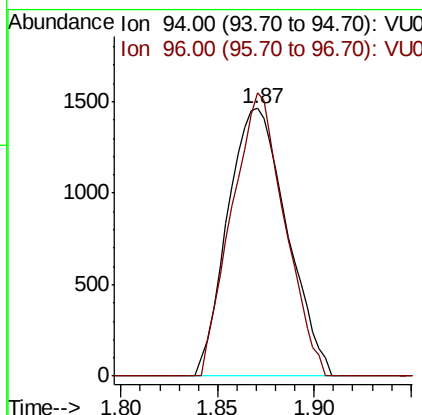
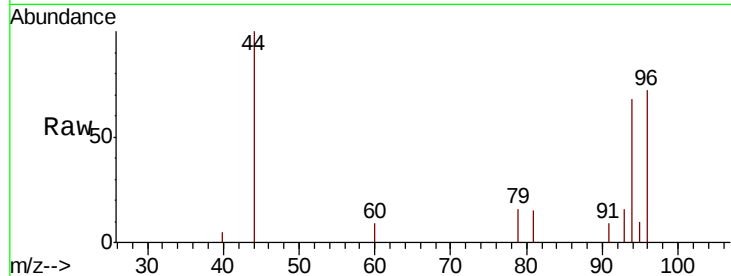




#5
 Bromomethane
 Concen: 0.562 ug/l
 RT: 1.87 min Scan# 165
 Delta R.T. 0.01 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

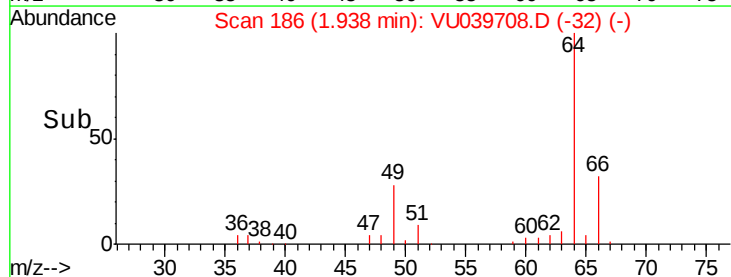
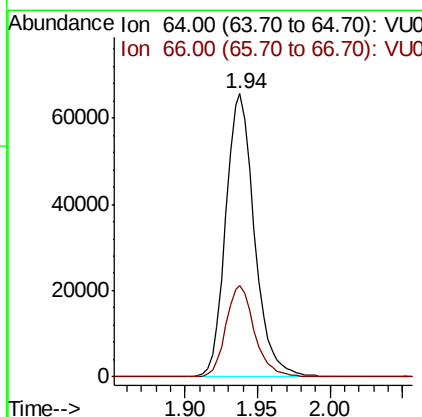
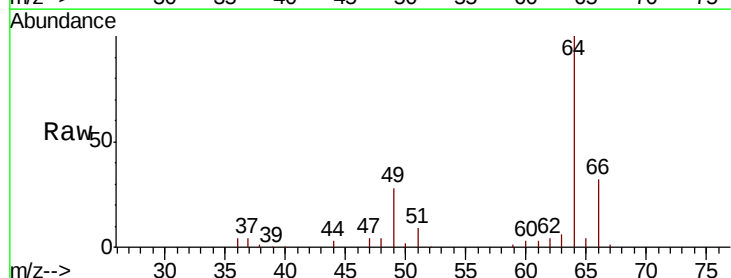
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

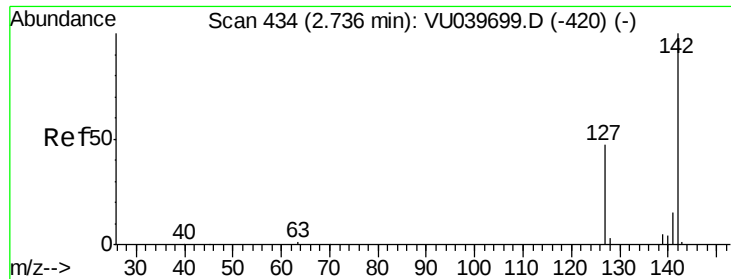
Tot Ion: 94 Resp: 3123
 Ion Ratio Lower Upper
 94 100
 96 105.8 75.0 112.6



#6
 Chloroethane
 Concen: 16.004 ug/l
 RT: 1.94 min Scan# 186
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion: 64 Resp: 90172
 Ion Ratio Lower Upper
 64 100
 66 32.2 26.2 39.2





#10

Iodomethane

Concen: 0.552 ug/l

RT: 2.75 min Scan# 437

Delta R.T. 0.01 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

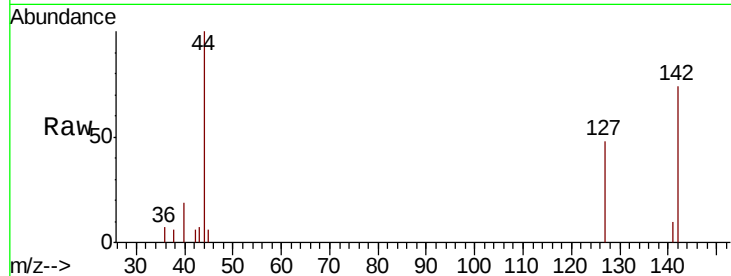
VU0729WBS01

Tot Ion:142 Resp: 3160

Ion Ratio Lower Upper

142 100

127 53.6 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

2.75

1500

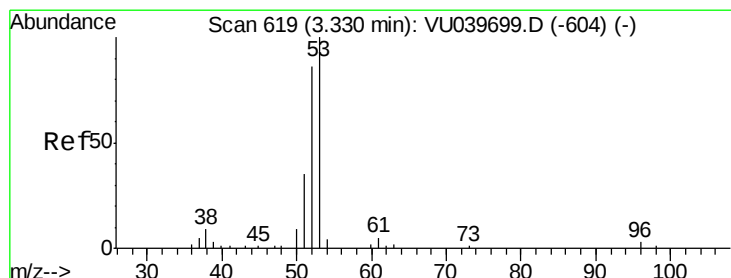
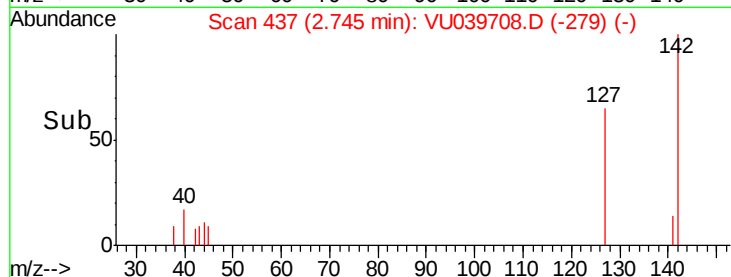
1000

500

0

Time-->

2.70 2.75 2.80



#12

Acrylonitrile

Concen: 4.083 ug/l

RT: 3.38 min Scan# 636

Delta R.T. 0.05 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

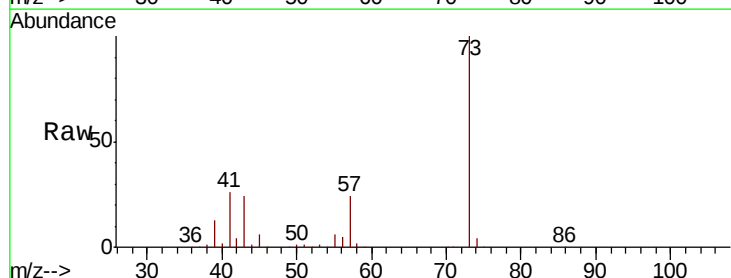
Tgt Ion: 53 Resp: 8129

Ion Ratio Lower Upper

53 100

52 19.5 69.1 103.7#

51 71.1 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

3.38

4000

3000

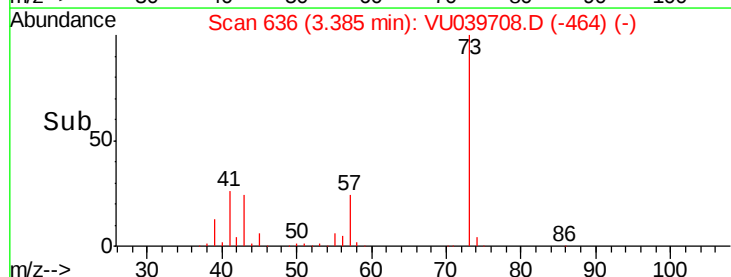
2000

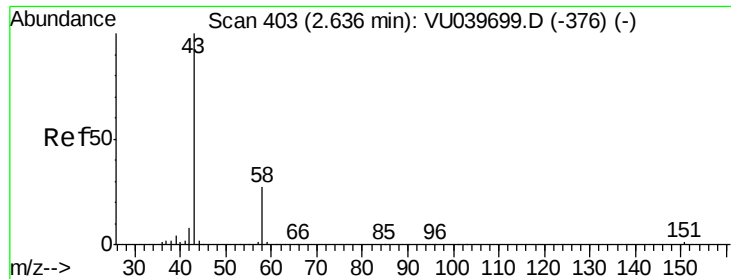
1000

0

Time-->

3.30 3.35 3.40 3.45





#13

Acetone

Concen: 0.766 ug/l

RT: 2.64 min Scan# 405

Delta R.T. 0.01 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

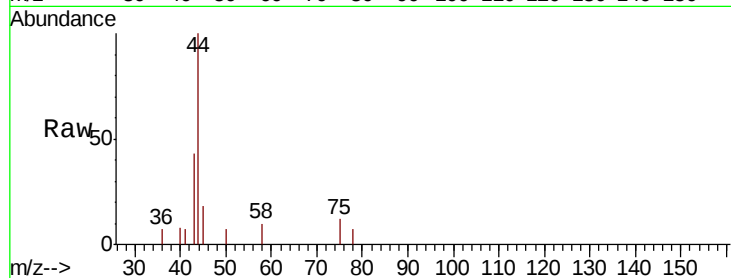
VU0729WBS01

Tot Ion: 43 Resp: 1434

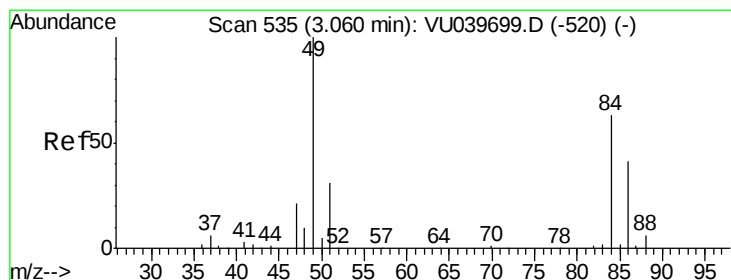
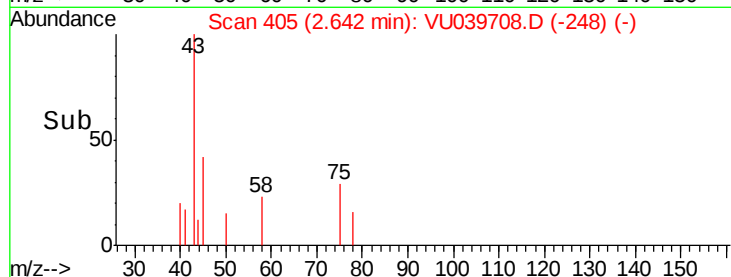
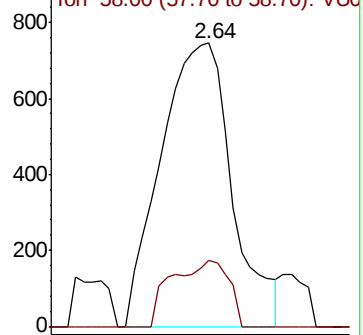
Ion Ratio Lower Upper

43 100

58 23.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-376) (-)



#15

Methylene Chloride

Concen: 0.660 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Tgt Ion: 84 Resp: 5216

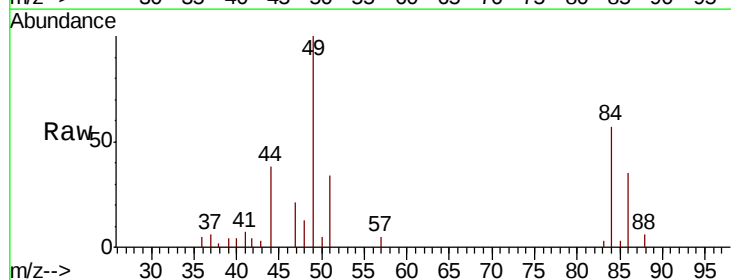
Ion Ratio Lower Upper

84 100

49 175.2 126.8 190.2

51 59.9 0.0 97.2

86 61.6 51.4 77.2

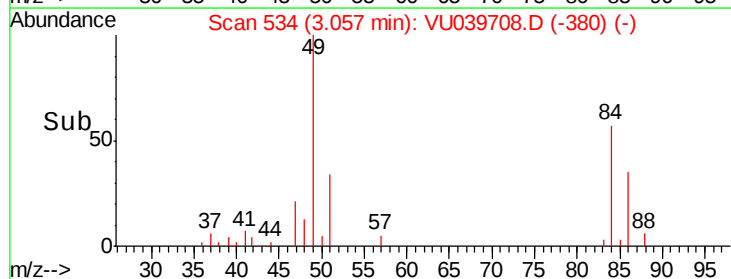
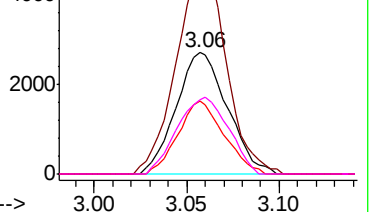


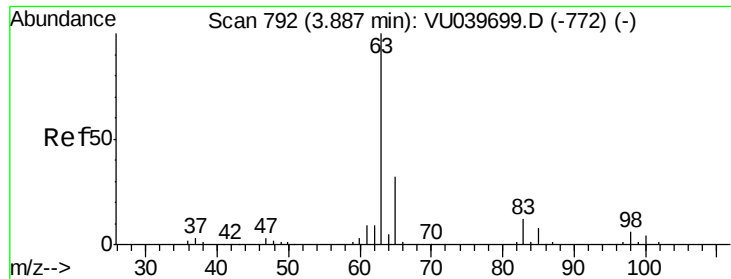
Abundance Ion 84.00 (83.70 to 84.70): VU039699.D (-520) (-)

Ion 49.00 (48.70 to 49.70): VU039699.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU039699.D (-520) (-)

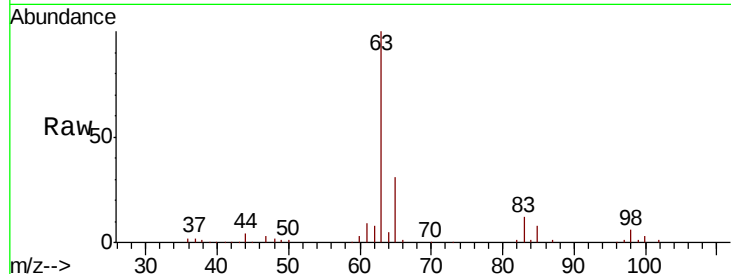




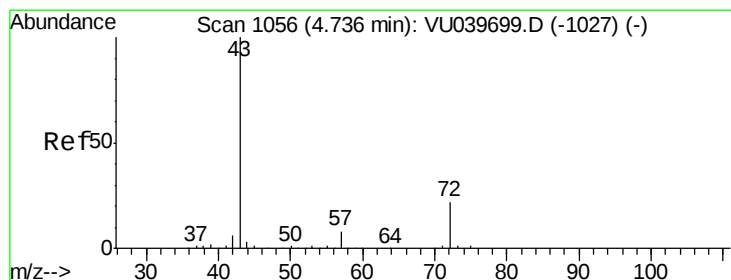
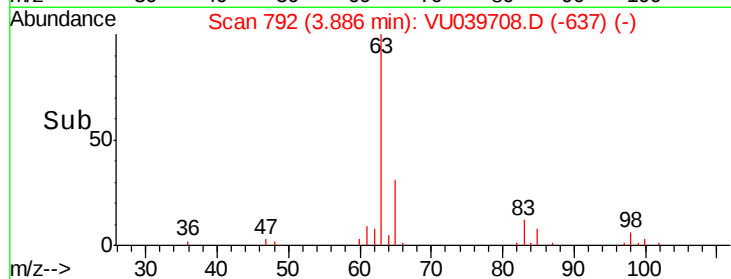
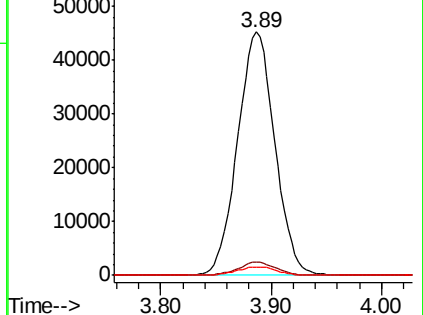
#17
 1,1-Dichloroethane
 Concen: 7.475 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

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 VU0729WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.9	8.7
100	3.4	2.0	6.0

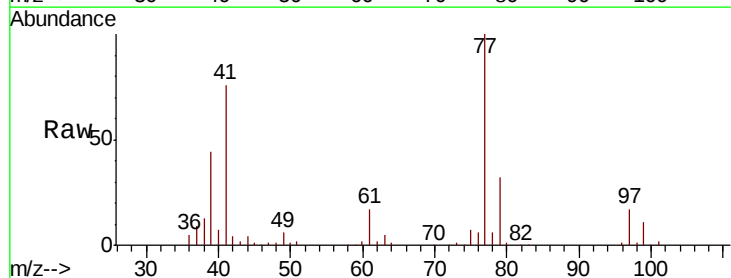


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

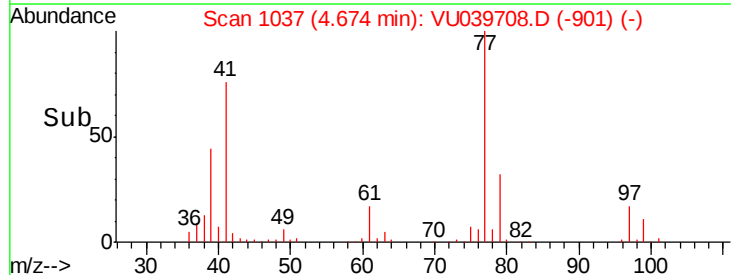
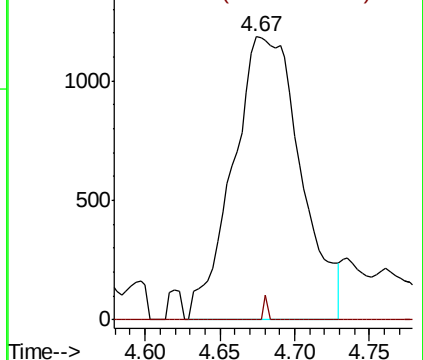


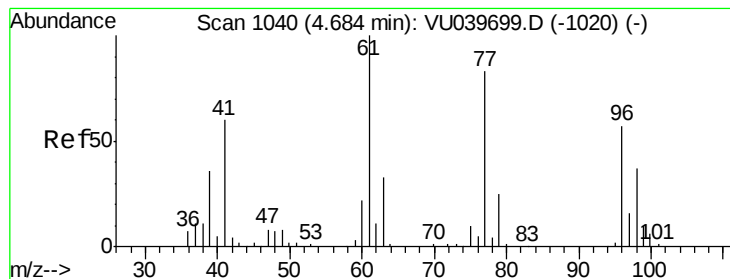
#18
 2-Butanone
 Concen: 1.189 ug/l
 RT: 4.67 min Scan# 1037
 Delta R.T. -0.06 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	15.2



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





#21

2,2-Dichloropropane

Concen: 14.961 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

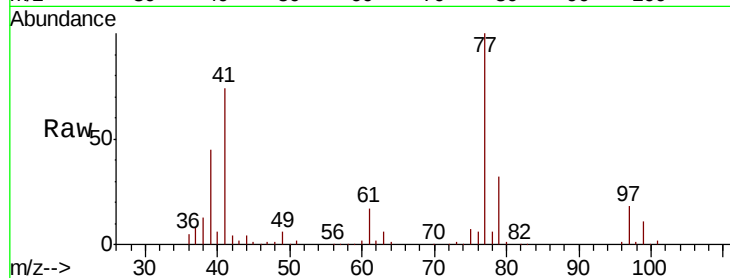
VU0729WBS01

Tot Ion: 77 Resp: 172815

Ion Ratio Lower Upper

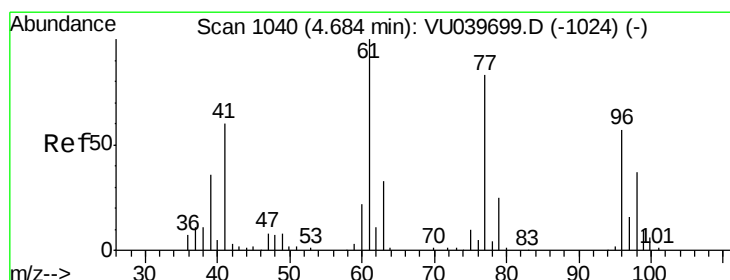
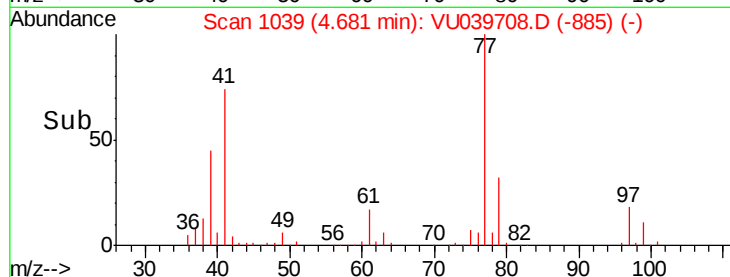
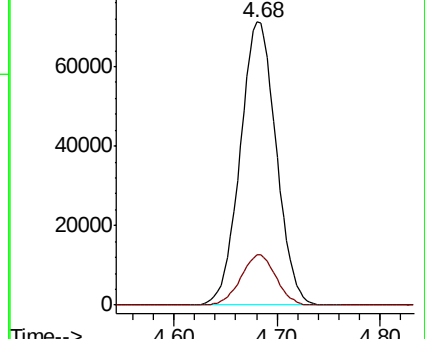
77 100

97 17.4 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.239 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

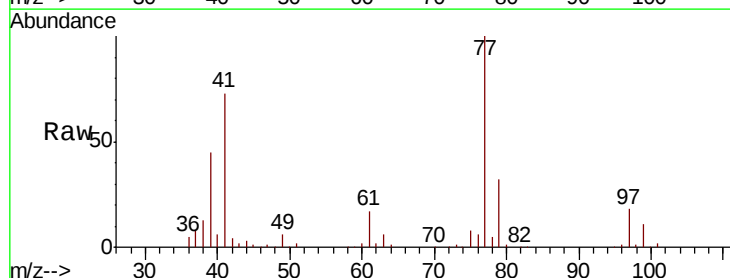
Tgt Ion: 96 Resp: 1659

Ion Ratio Lower Upper

96 100

61 1769.0 0.0 451.3#

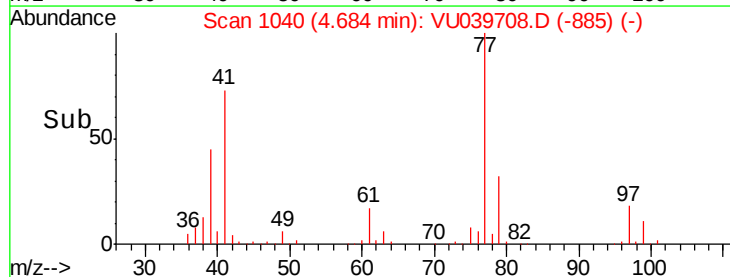
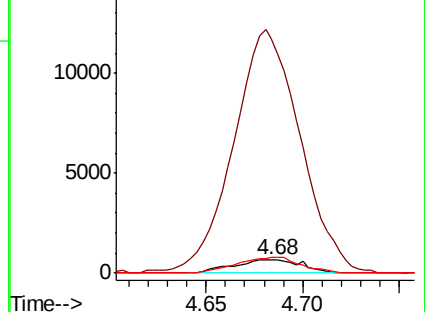
98 110.7 32.6 98.0#

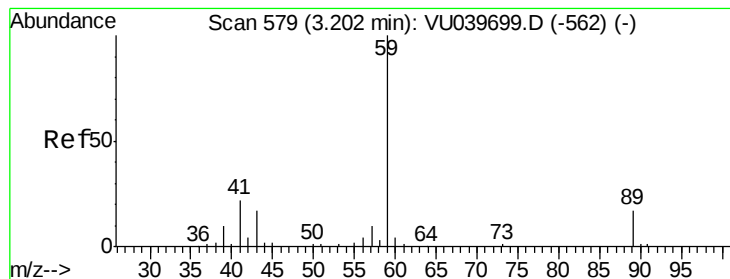


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#24

tert-Butyl Alcohol

Concen: 1.004 ug/l

RT: 3.20 min Scan# 578

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

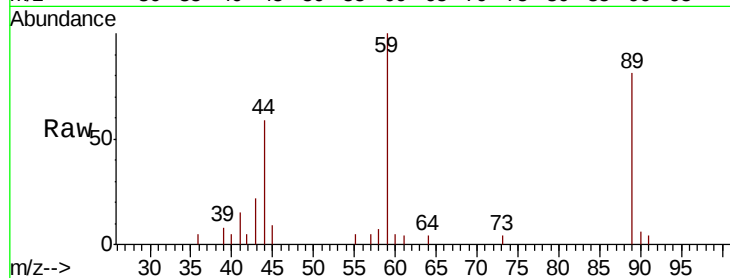
VU0729WBS01

Tot Ion: 59 Resp: 6391

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

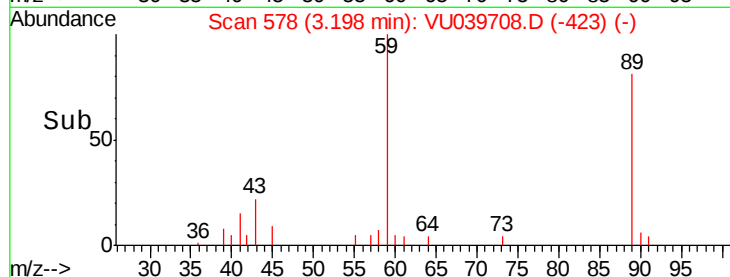


Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-562) (-)

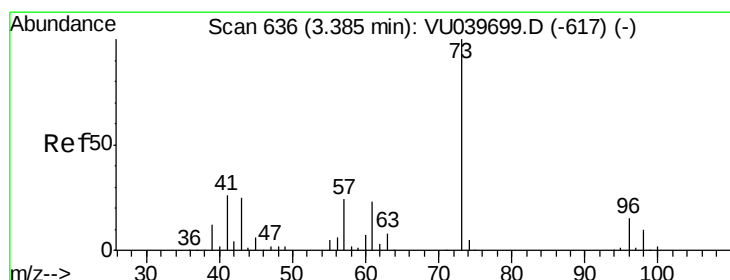
Ion 57.00 (56.70 to 57.70): VU039699.D (-562) (-)

3.20

3.15 3.20 3.25



Time-->



#25

Methyl tert-Butyl Ether

Concen: 33.836 ug/l

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU039708.D

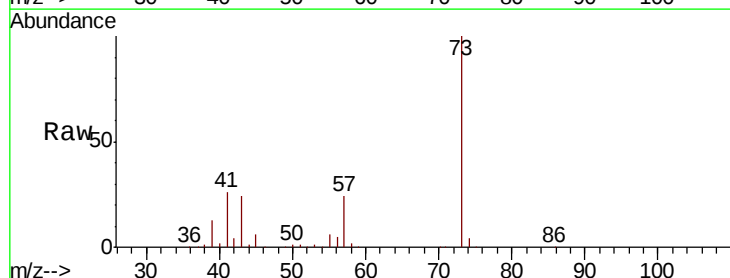
Acq: 29 Jul 2020 17:24

Tgt Ion: 73 Resp: 626186

Ion Ratio Lower Upper

73 100

43 24.2 20.1 30.1

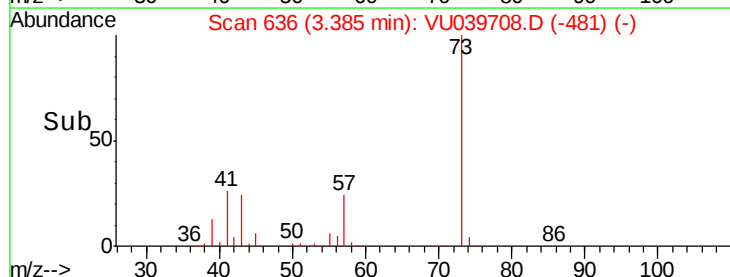


Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)

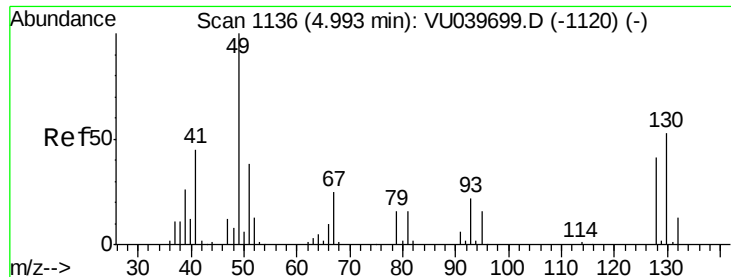
Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)

3.38

3.30 3.40 3.50



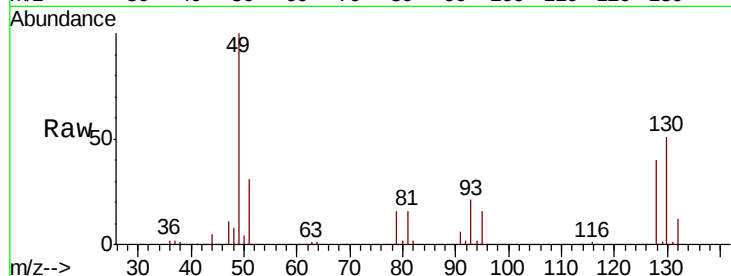
Time-->



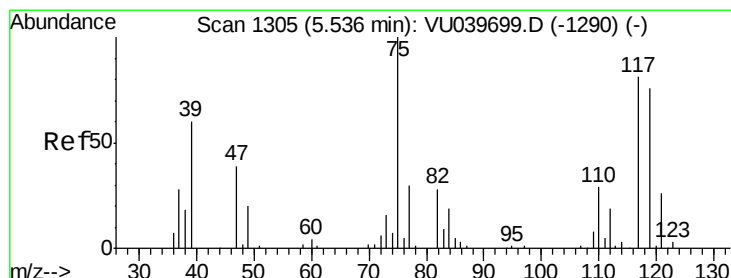
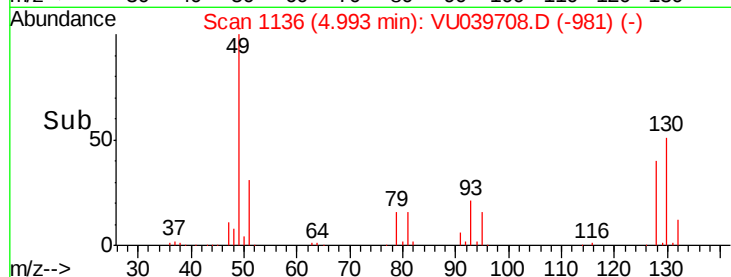
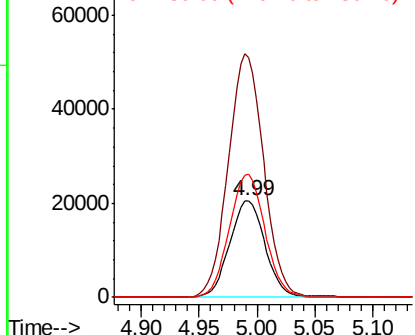
#26
Bromochloromethane
Concen: 15.290 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion:128 Resp: 43480
Ion Ratio Lower Upper
128 100
49 251.0 0.0 503.8
130 128.7 102.7 154.1

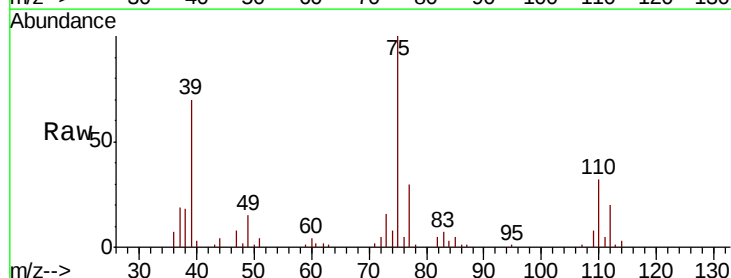


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

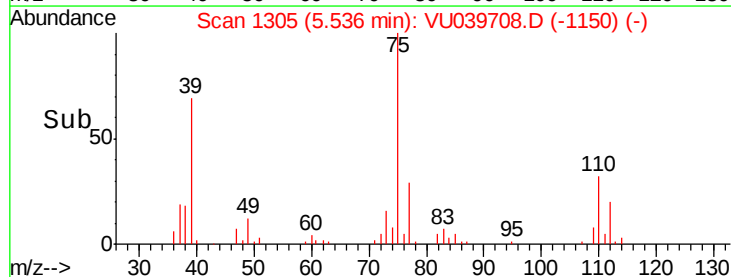
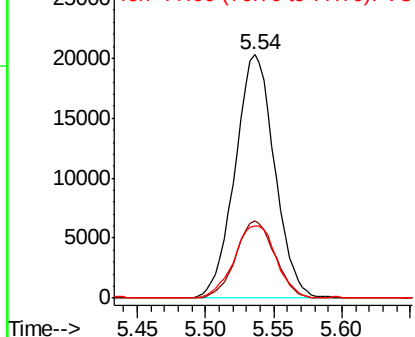


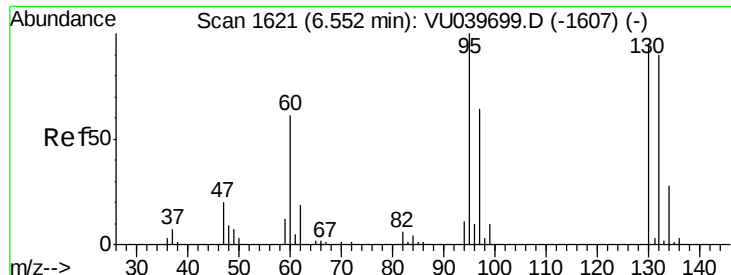
#29
1,1-Dichloropropene
Concen: 3.958 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Tgt Ion: 75 Resp: 40866
Ion Ratio Lower Upper
75 100
110 31.2 14.6 44.0
77 31.6 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VU0

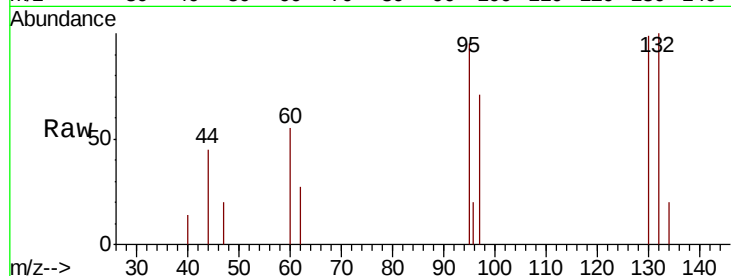




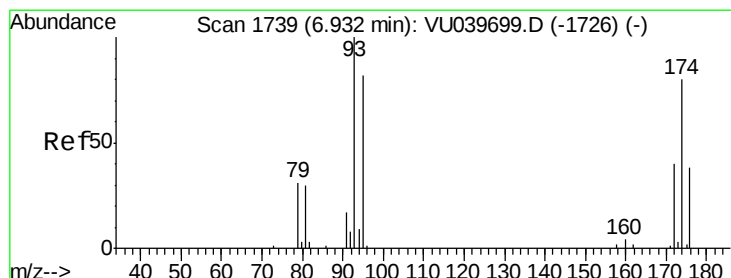
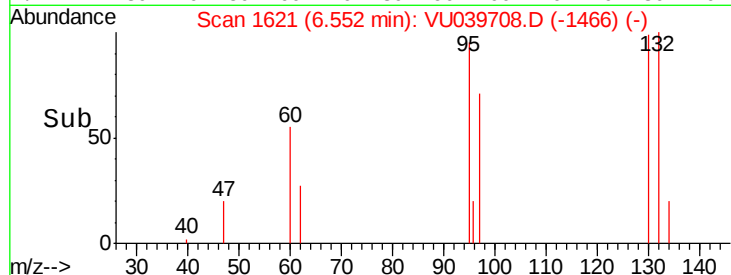
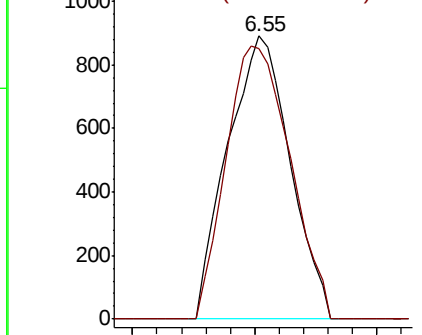
#37
 Trichloroethene
 Concen: 0.270 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Tot Ion:130 Resp: 1579
 Ion Ratio Lower Upper
 130 100
 95 95.5 84.3 126.5

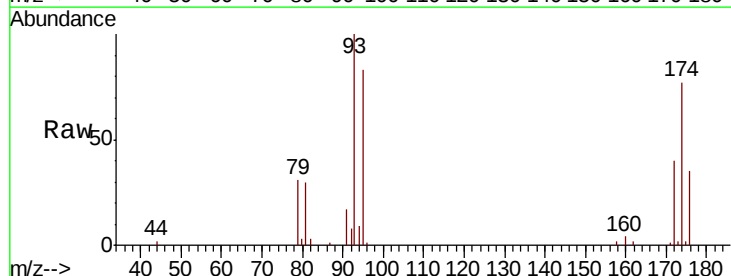


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

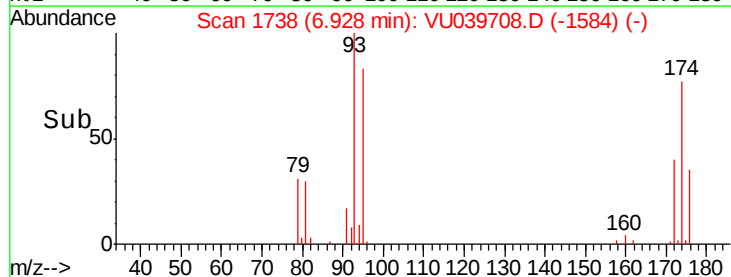
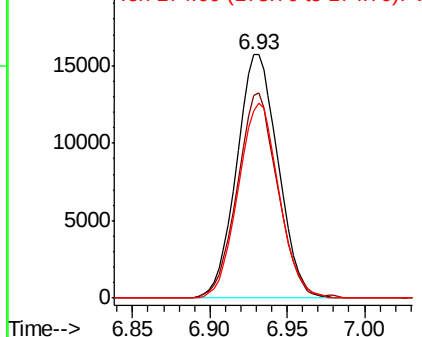


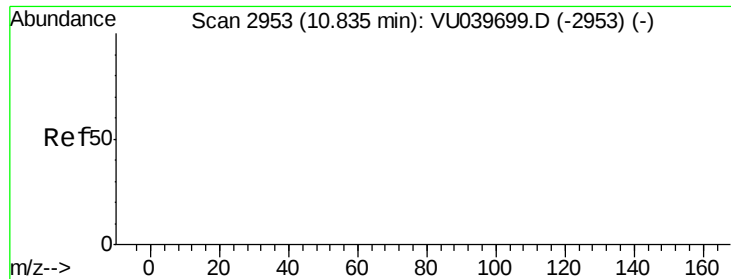
#43
 Dibromomethane
 Concen: 7.740 ug/l
 RT: 6.93 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion: 93 Resp: 29319
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 99.8
 174 78.6 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)
 Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)
 Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

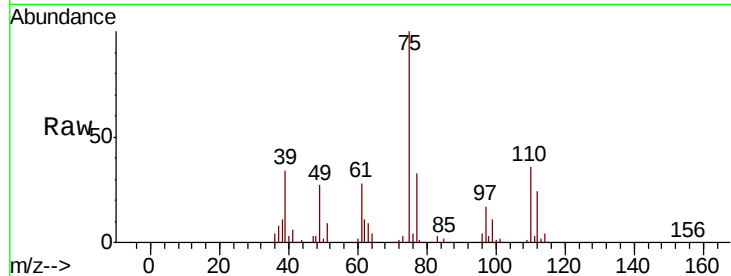




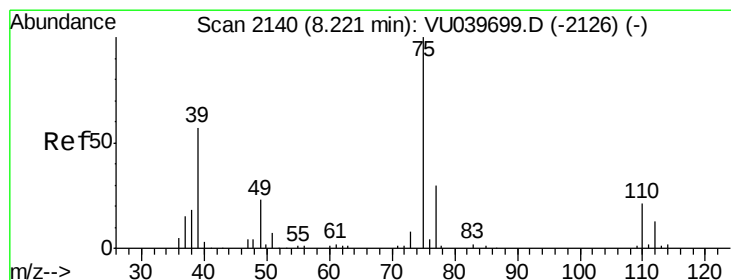
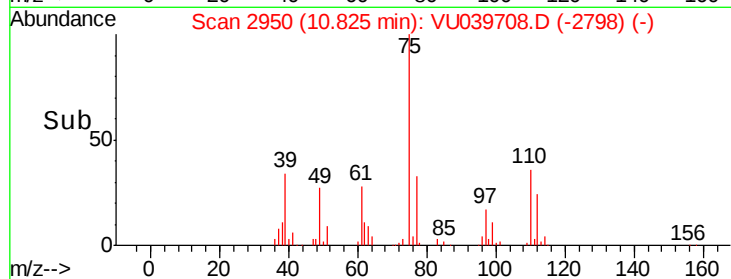
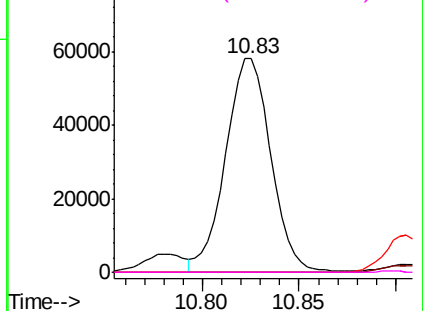
#46
t-1,4-Dichloro-2-butene
Concen: 55.349 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion: 75 Resp: 94468
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 40.3 60.5#
88 0.0 34.0 51.0#

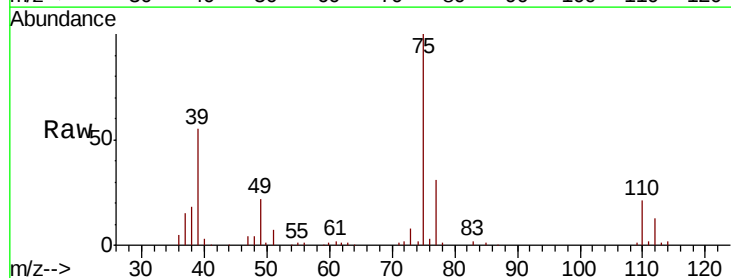


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

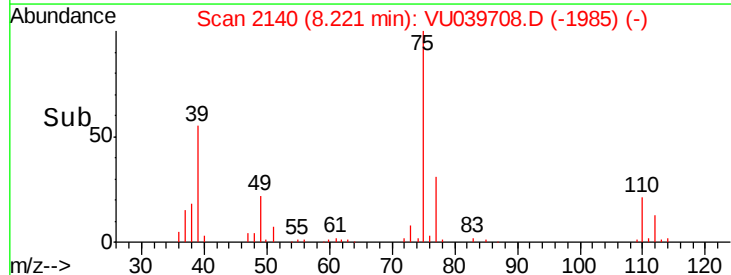
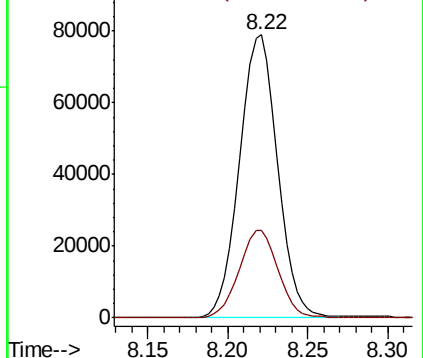


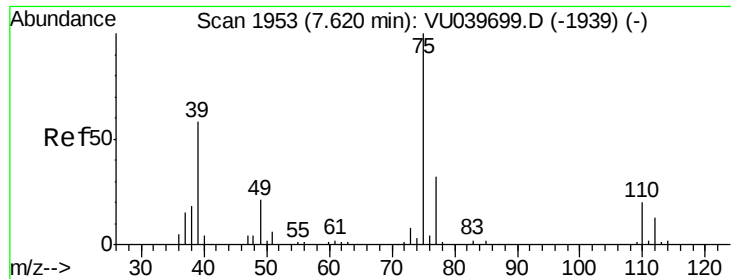
#50
t-1,3-Dichloropropene
Concen: 16.391 ug/l
RT: 8.22 min Scan# 2140
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Tgt Ion: 75 Resp: 128220
Ion Ratio Lower Upper
75 100
77 30.9 24.3 36.5



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



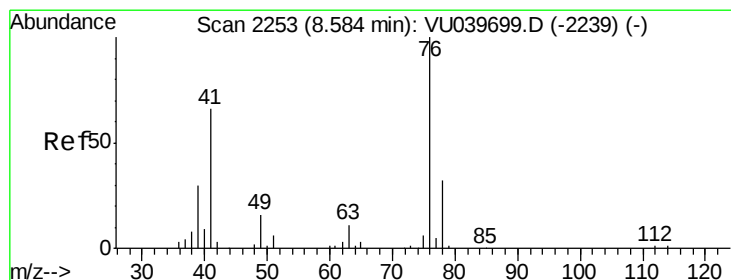
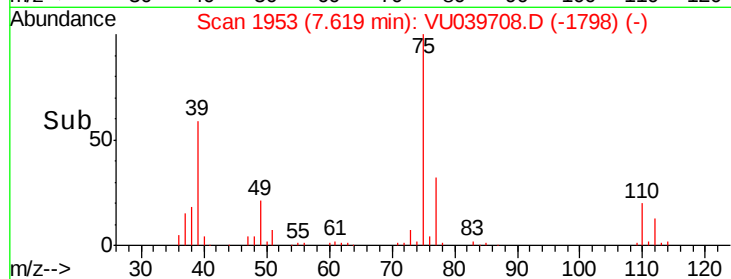
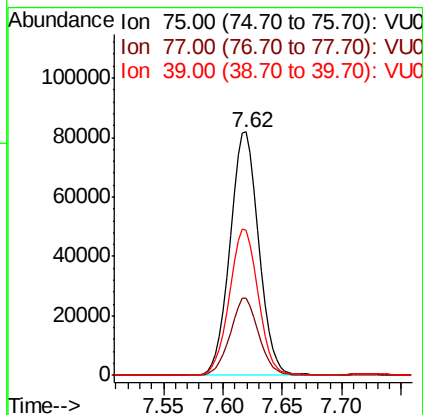
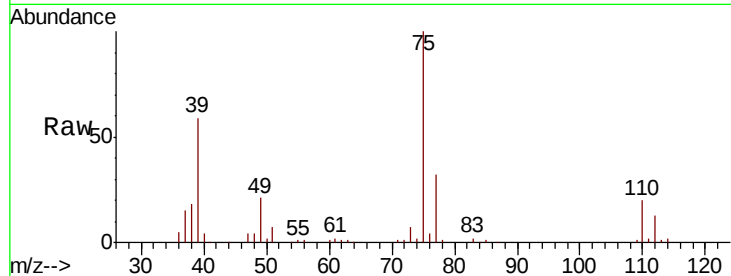


#51

cis-1,3-Dichloropropene
 Concen: 14.939 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

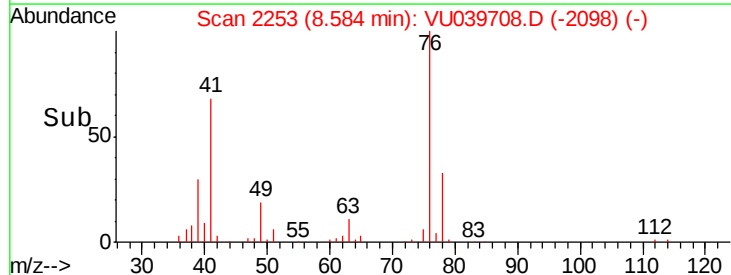
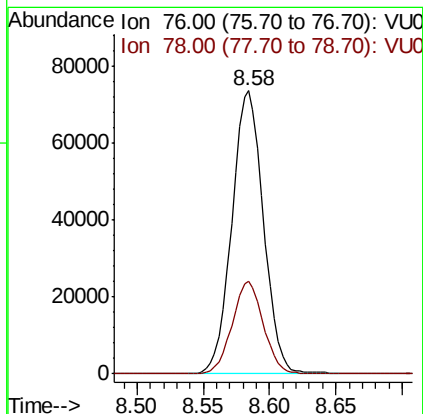
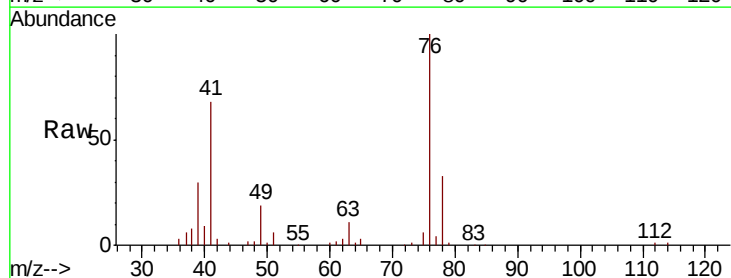
Tot Ion: 75 Resp: 137354
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 59.5 46.1 69.1

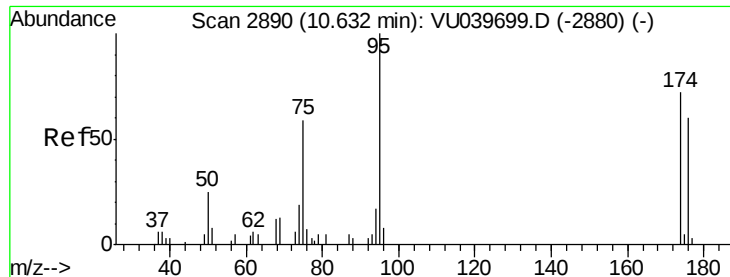


#53

1,3-Dichloropropane
 Concen: 12.870 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion: 76 Resp: 121629
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.2

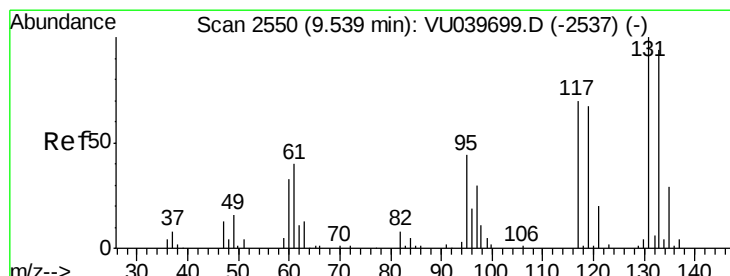
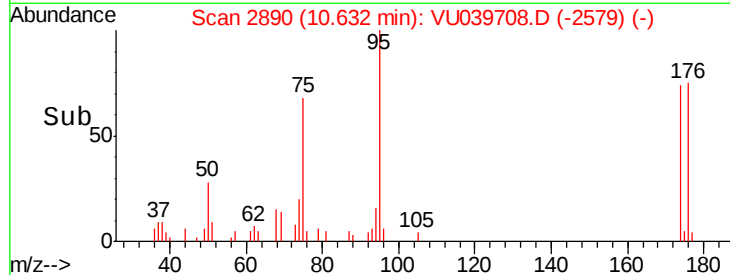
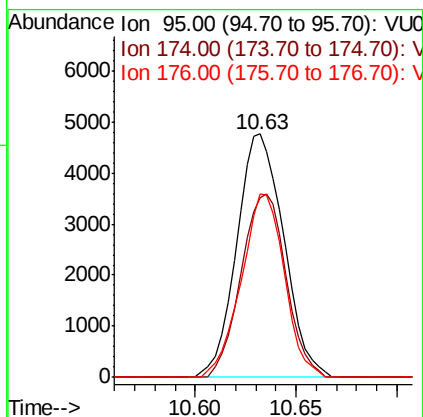
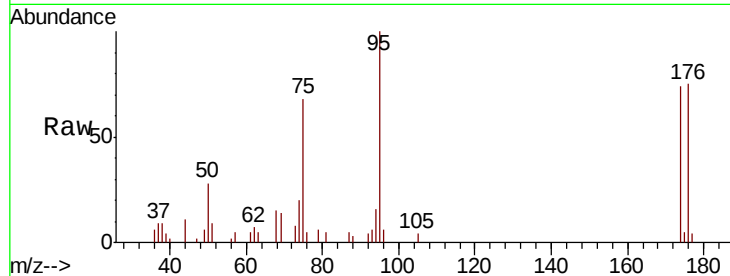




#57
 4-Bromofluorobenzene
 Concen: 0.974 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

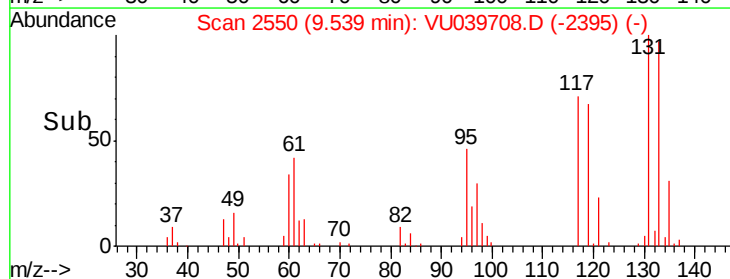
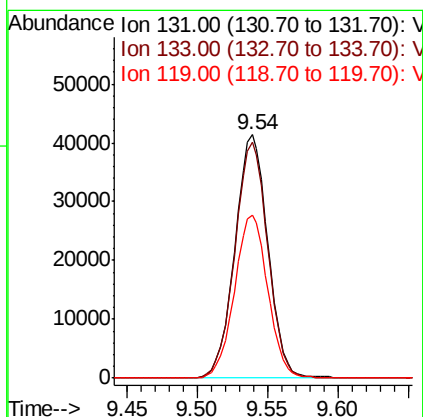
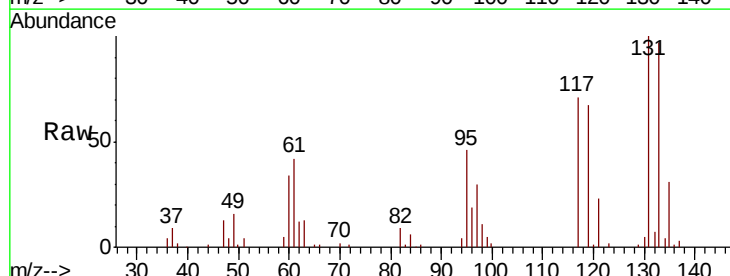
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

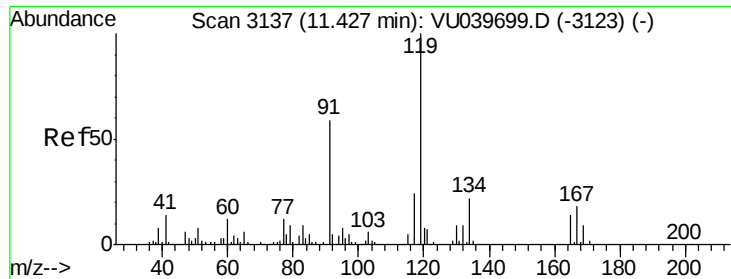
Tot Ion: 95 Resp: 7774
 Ion Ratio Lower Upper
 95 100
 174 72.0 57.0 85.4
 176 69.2 50.2 75.2



#60
 1,1,1,2-Tetrachloroethane
 Concen: 12.778 ug/l
 RT: 9.54 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion: 131 Resp: 67732
 Ion Ratio Lower Upper
 131 100
 133 96.9 75.8 113.8
 119 67.7 54.6 81.8

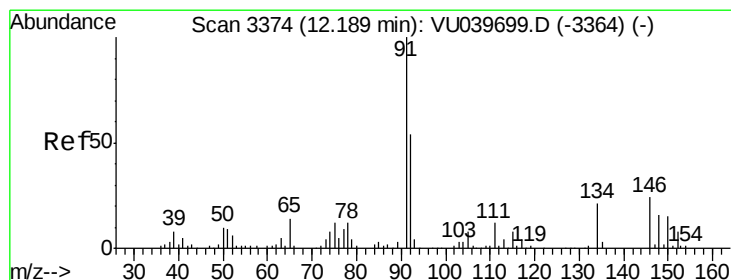
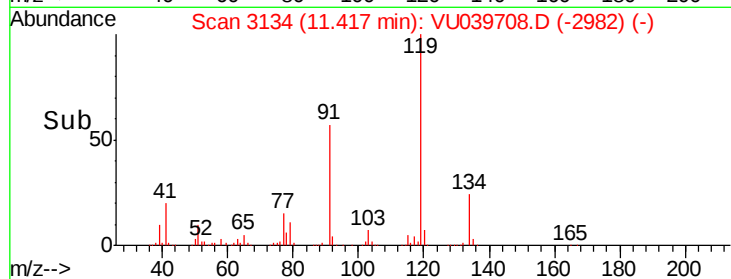
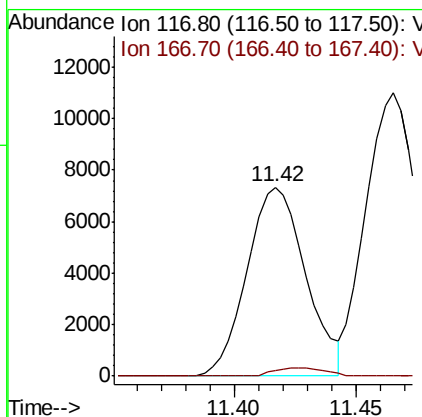
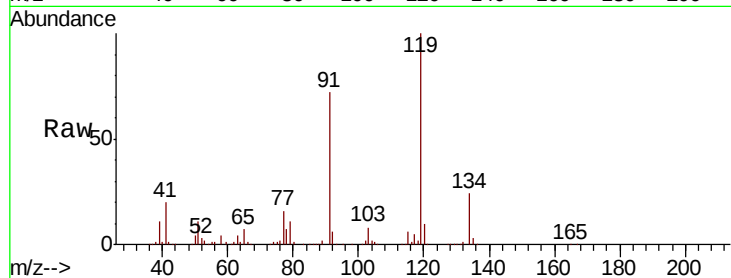




#61
 Pentachloroethane
 Concen: 2.636 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

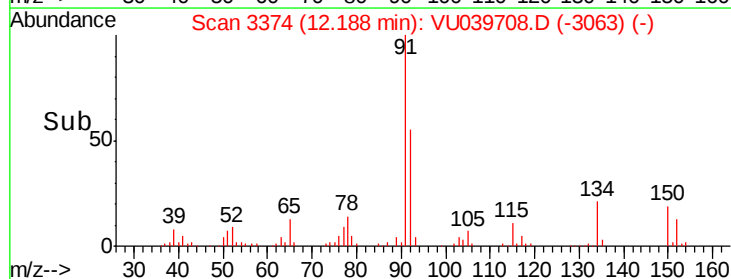
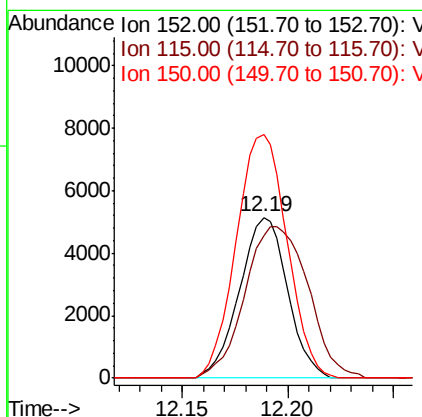
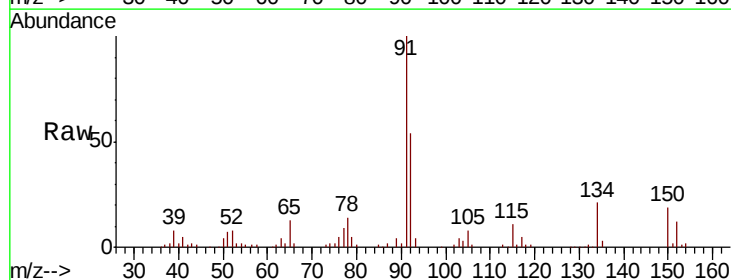
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

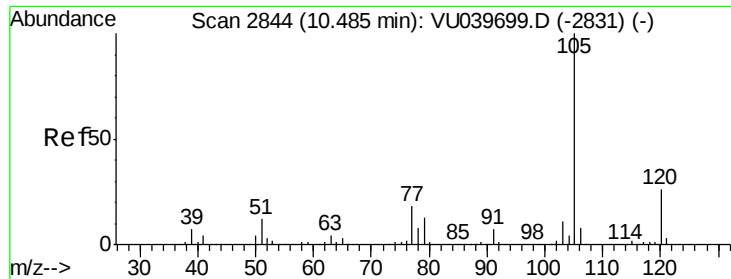
Tot Ion:117 Resp: 12278
 Ion Ratio Lower Upper
 117 100
 167 3.7 56.6 85.0#



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.044 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion:152 Resp: 8148
 Ion Ratio Lower Upper
 152 100
 115 124.1 0.0 302.4
 150 160.0 0.0 645.8





#69

Isopropylbenzene

Concen: 9.885 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

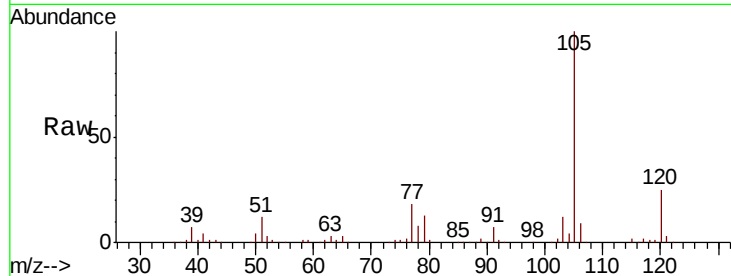
VU0729WBS01

Tot Ion:105 Resp: 275926

Ion Ratio Lower Upper

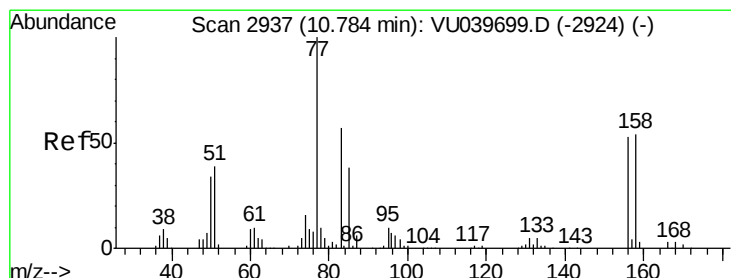
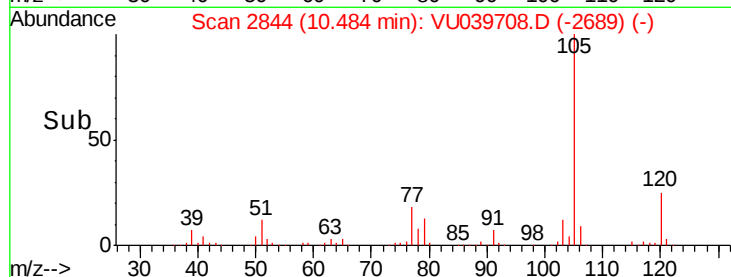
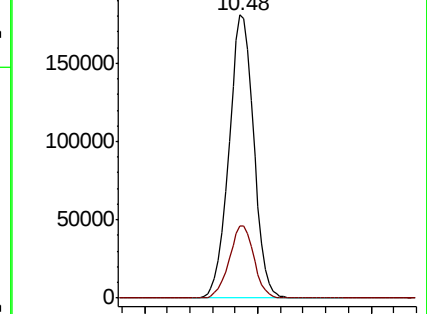
105 100

120 25.4 12.8 38.4



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: 18.346 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

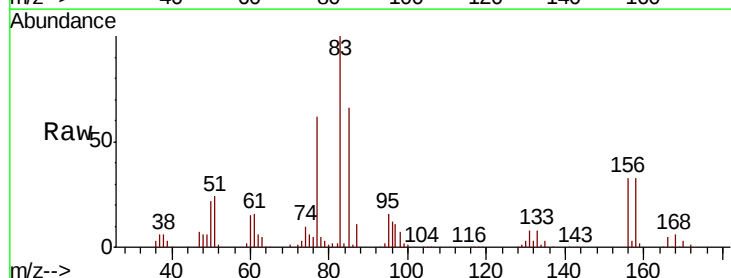
Tgt Ion: 83 Resp: 129984

Ion Ratio Lower Upper

83 100

131 8.1 7.0 10.6

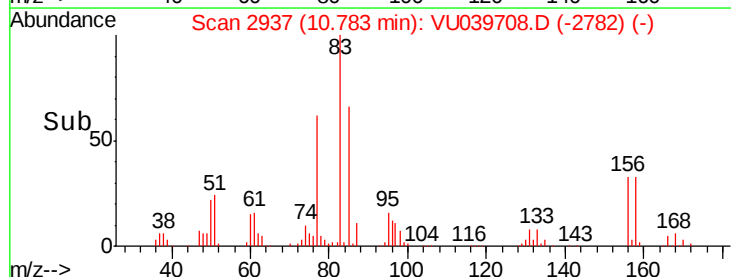
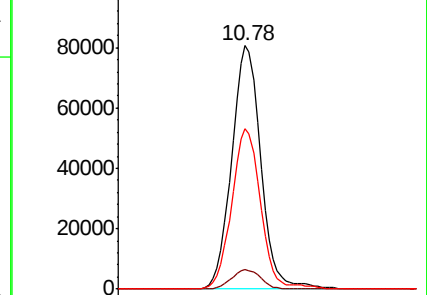
85 65.4 50.6 75.8

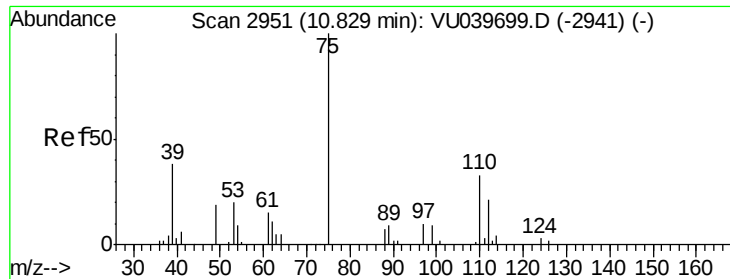


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 17.699 ug/l

RT: 10.83 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

Tot Ion: 75 Resp: 94468

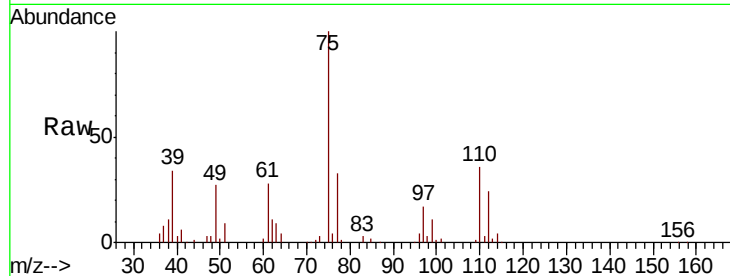
Ion Ratio Lower Upper

75 100

77 30.8 0.0 91.0

110 35.5 0.0 64.2

97 17.6 0.0 32.6

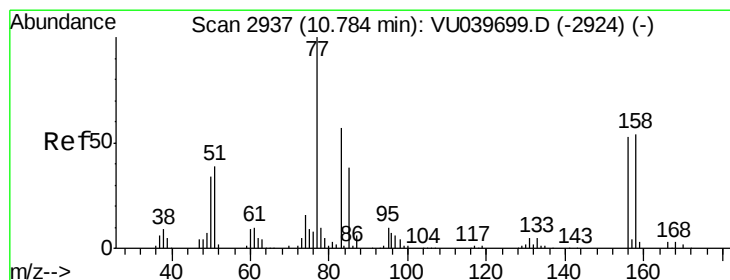
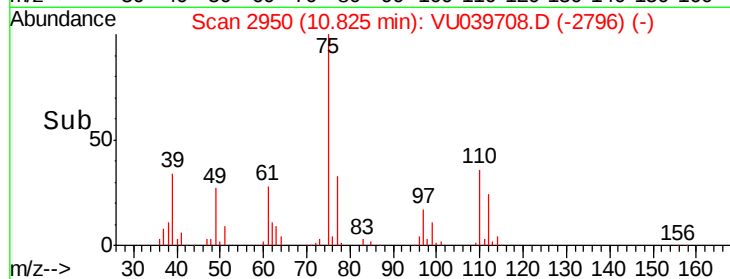
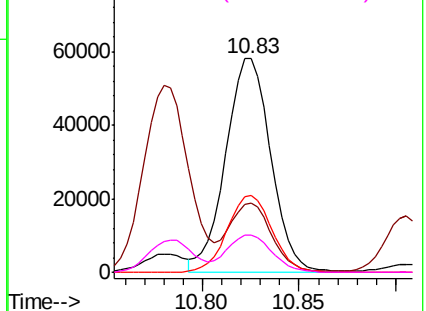


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 6.746 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

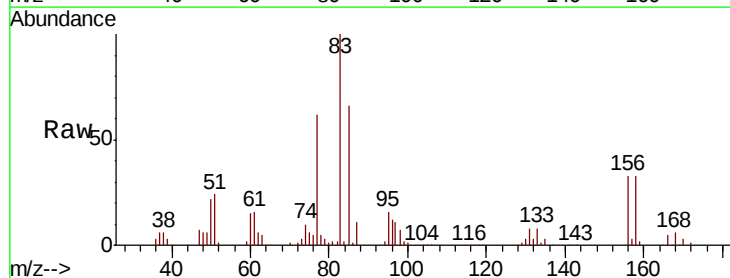
Tgt Ion: 156 Resp: 42764

Ion Ratio Lower Upper

156 100

77 194.8 0.0 385.2

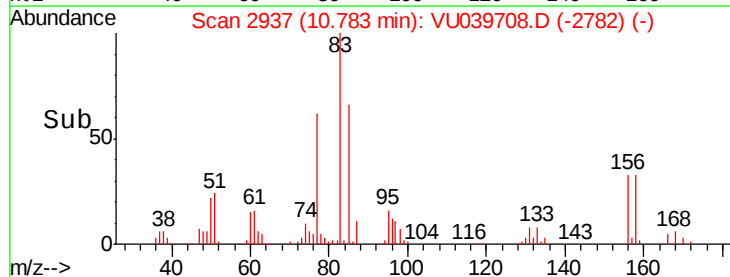
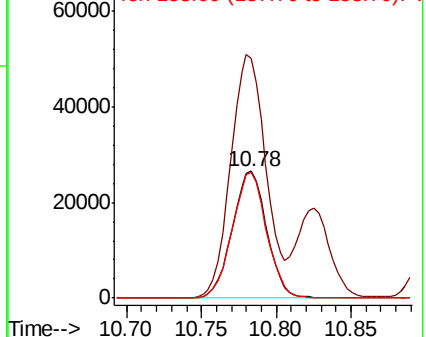
158 97.8 0.0 200.8

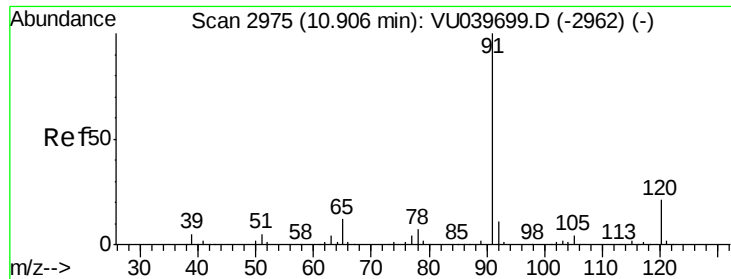


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 13.443 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

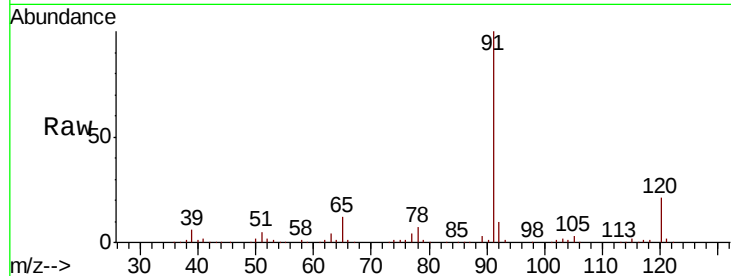
VU0729WBS01

Tot Ion:120 Resp: 105506

Ion Ratio Lower Upper

120 100

91 476.7 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

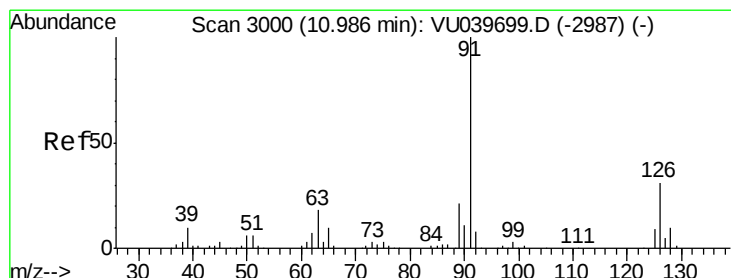
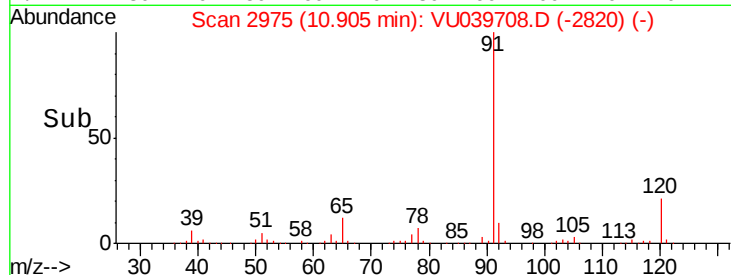
200000

100000

0

10.85 10.90 10.95

Time-->



#74

2-Chlorotoluene

Concen: 7.691 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039708.D

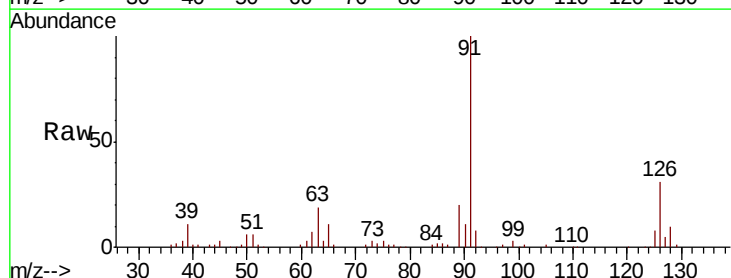
Acq: 29 Jul 2020 17:24

Tgt Ion:126 Resp: 50997

Ion Ratio Lower Upper

126 100

91 315.2 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

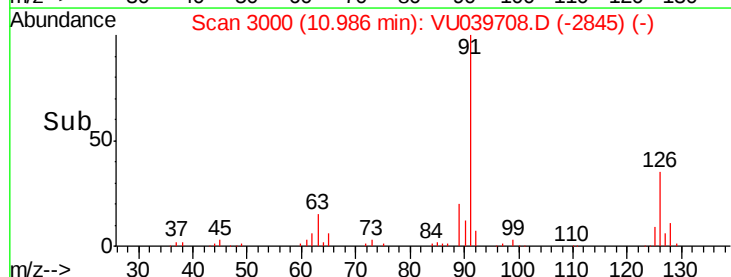
200000

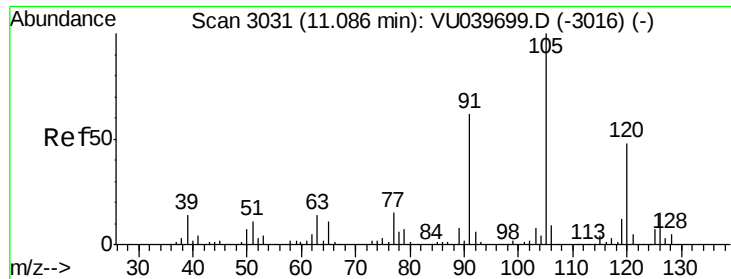
100000

0

10.90 10.95 11.00 11.05

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 17.906 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

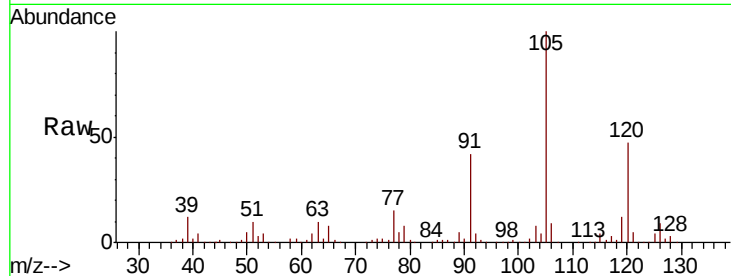
VU0729WBS01

Tot Ion:105 Resp: 432104

Ion Ratio Lower Upper

105 100

120 47.4 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

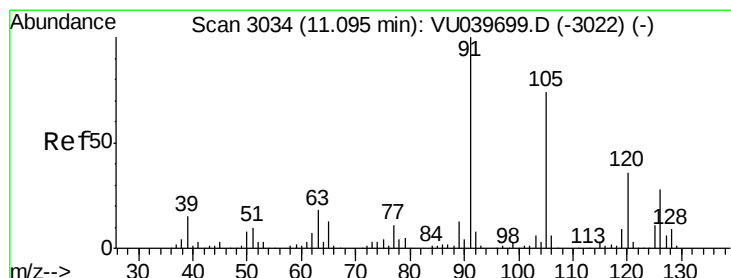
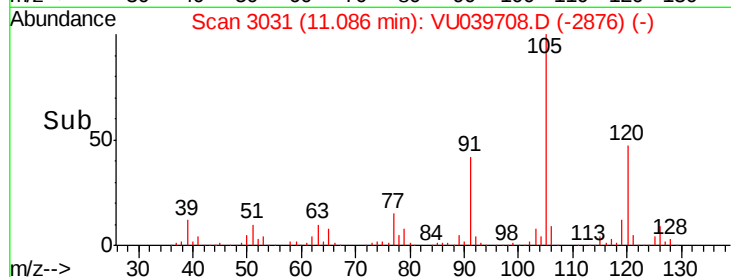
300000

200000

100000

0

Time-->



#76

4-Chlorotoluene

Concen: 9.923 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039708.D

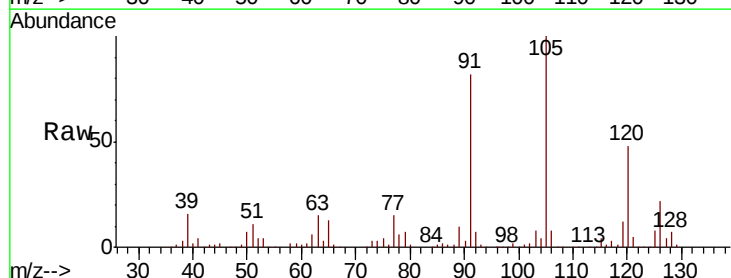
Acq: 29 Jul 2020 17:24

Tgt Ion:126 Resp: 68148

Ion Ratio Lower Upper

126 100

91 401.5 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

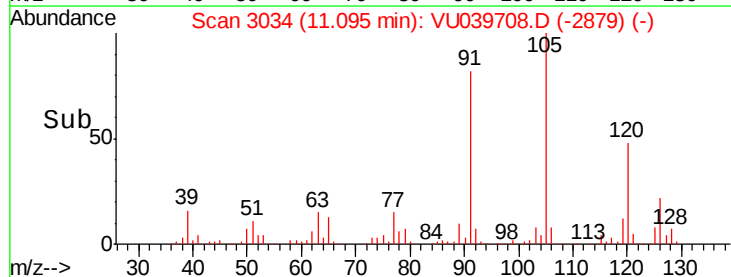
150000

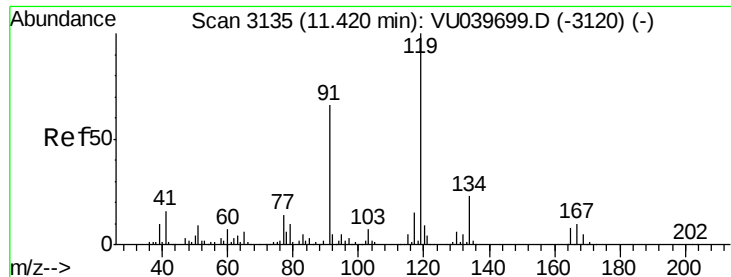
100000

50000

0

Time-->





#77

tert-Butylbenzene

Concen: 10.196 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

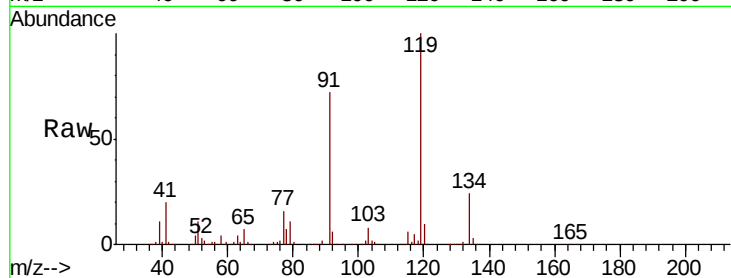
Tot Ion:119 Resp: 236030

Ion Ratio Lower Upper

119 100

91 71.8 31.9 95.5

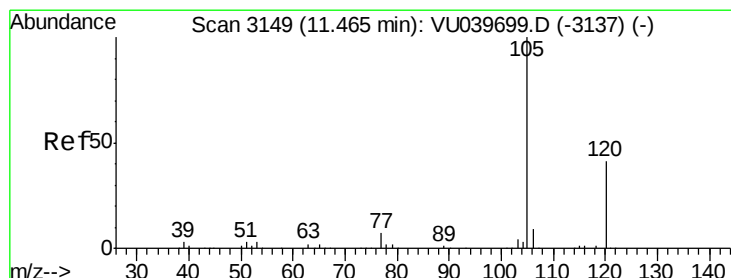
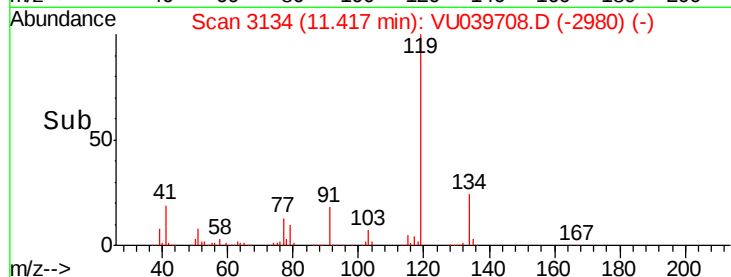
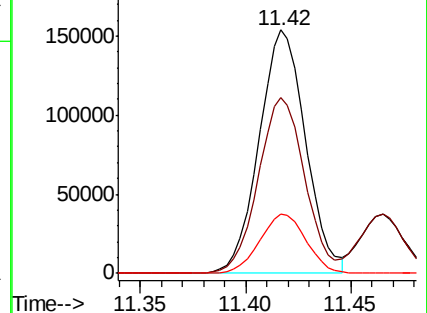
134 24.4 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 18.936 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039708.D

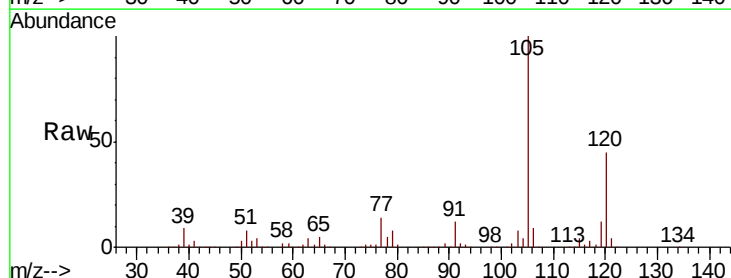
Acq: 29 Jul 2020 17:24

Tgt Ion:105 Resp: 468641

Ion Ratio Lower Upper

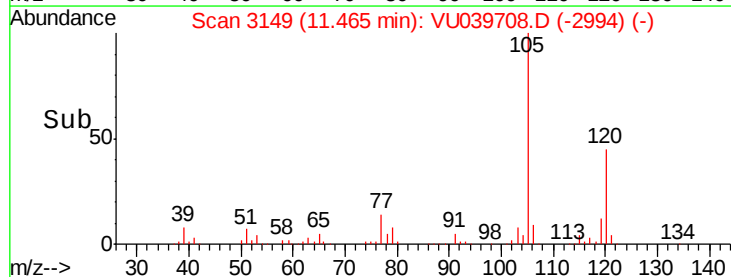
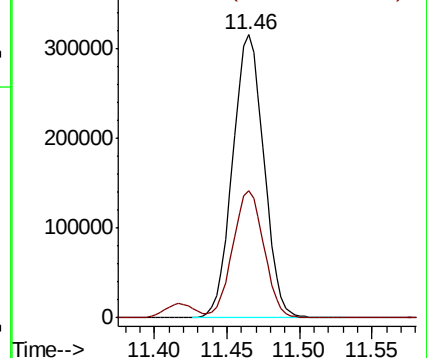
105 100

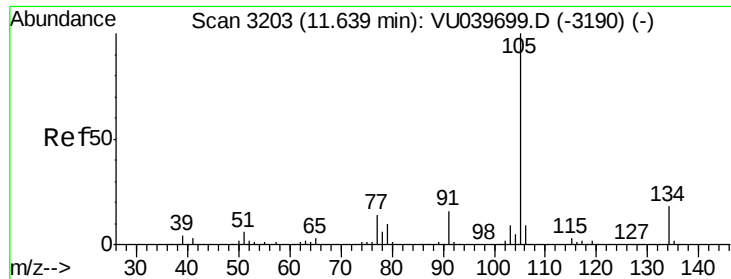
120 44.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 9.104 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

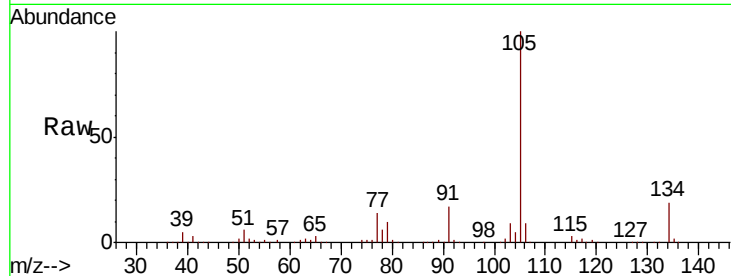
VU0729WBS01

Tot Ion:105 Resp: 299999

Ion Ratio Lower Upper

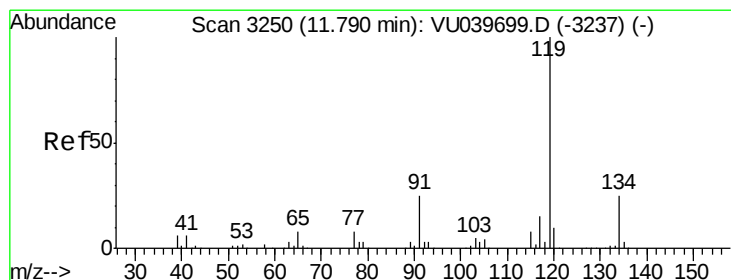
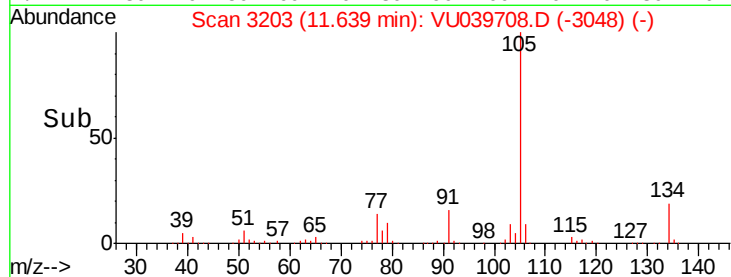
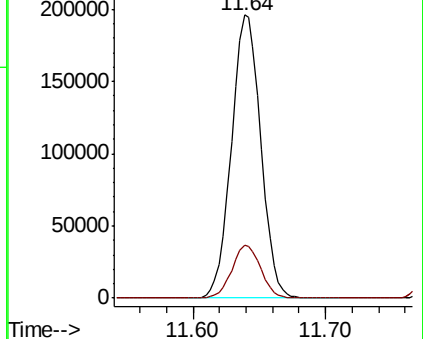
105 100

134 18.6 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#81

p-Isopropyltoluene

Concen: 17.507 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039708.D

Acq: 29 Jul 2020 17:24

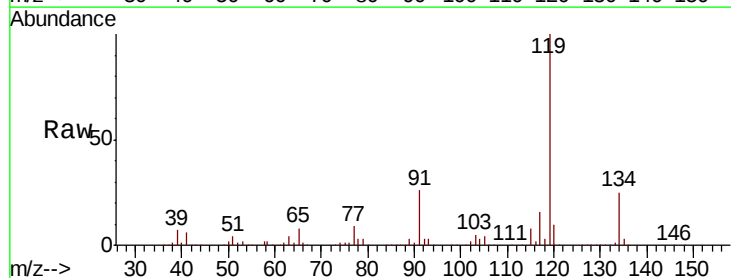
Tgt Ion:119 Resp: 464907

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.4

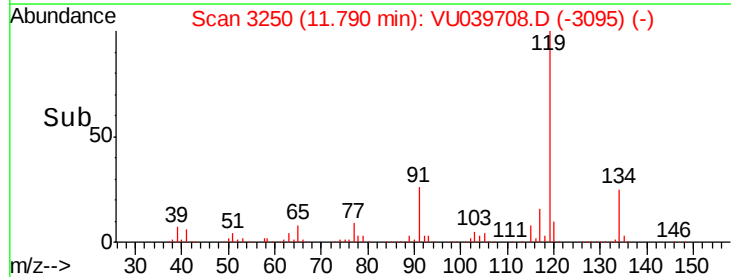
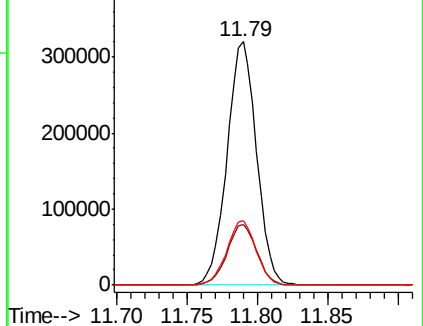
91 26.2 20.7 31.1

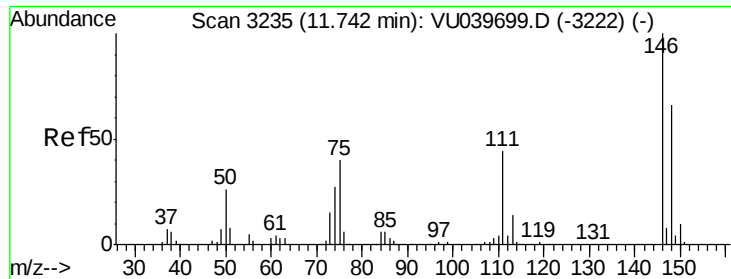


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

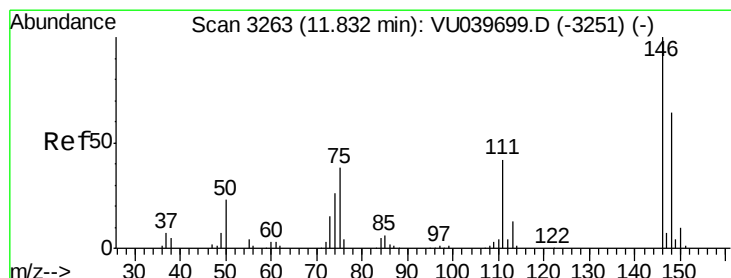
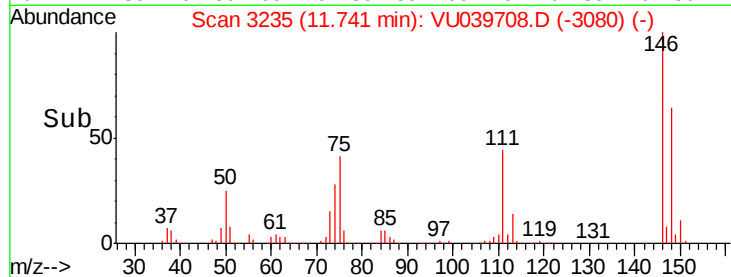
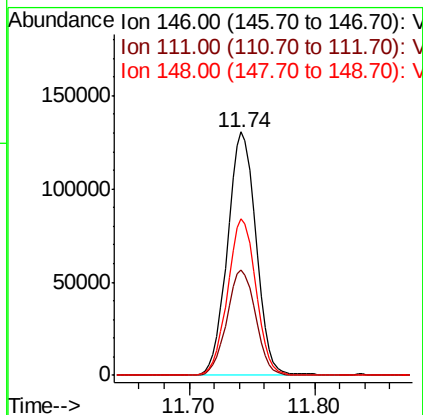
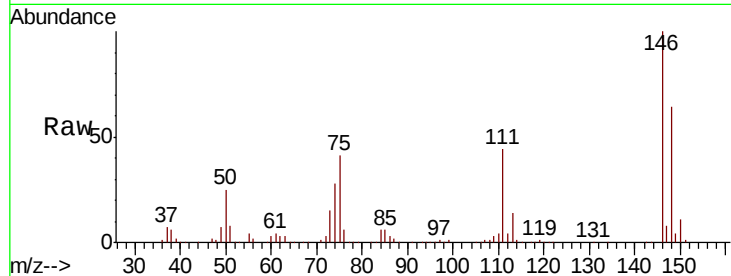




#82
 1,3-Dichlorobenzene
 Concen: 15.118 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

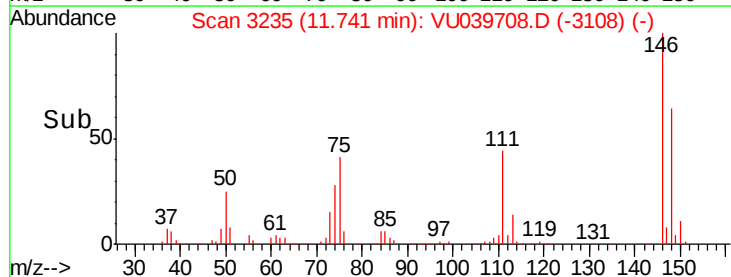
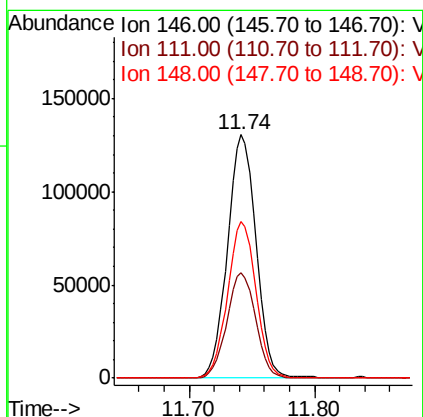
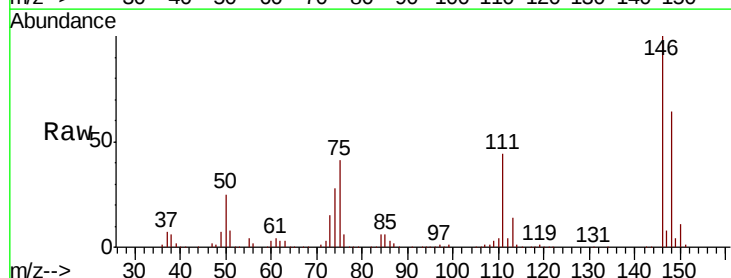
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

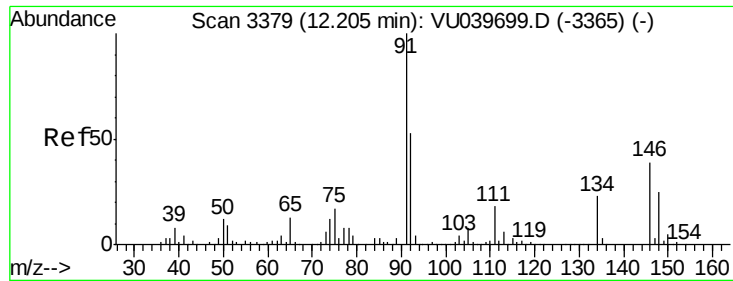
Tot Ion:146 Resp: 206277
 Ion Ratio Lower Upper
 146 100
 111 43.5 34.5 51.7
 148 63.8 51.4 77.0



#83
 1,4-Dichlorobenzene
 Concen: 15.030 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.09 min
 Lab File: VU039708.D
 Acq: 29 Jul 2020 17:24

Tgt Ion:146 Resp: 206277
 Ion Ratio Lower Upper
 146 100
 111 43.5 33.8 50.6
 148 63.8 51.1 76.7

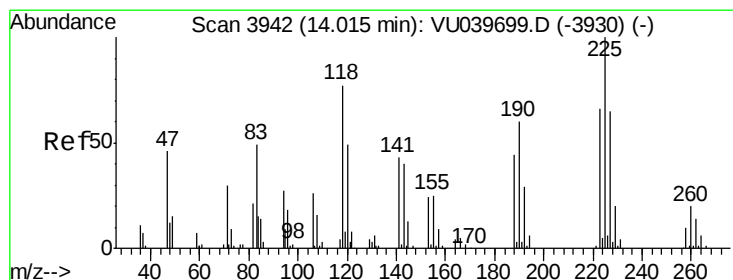
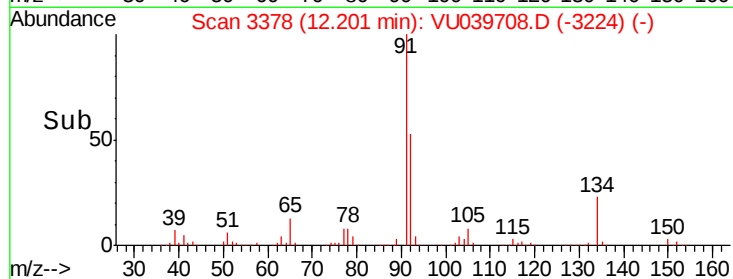
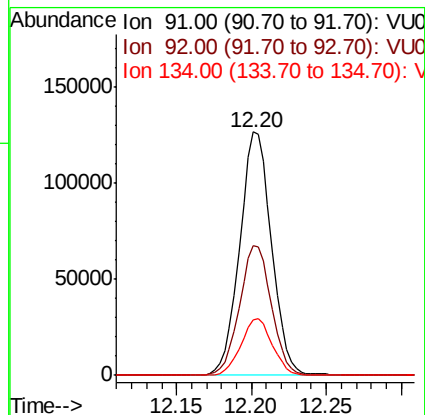
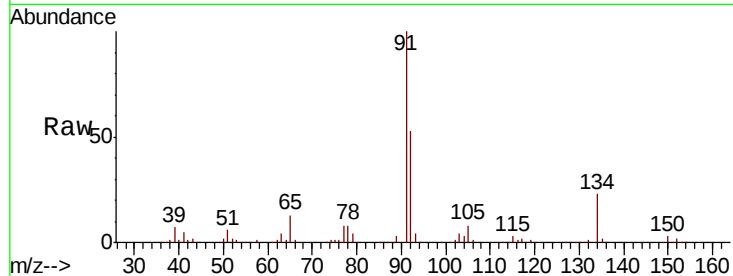




#84
n-Butylbenzene
Concen: 6.630 ug/l
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

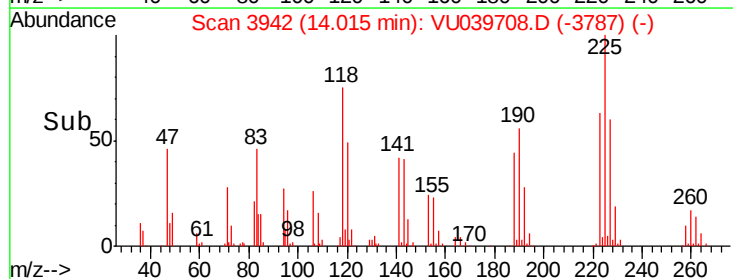
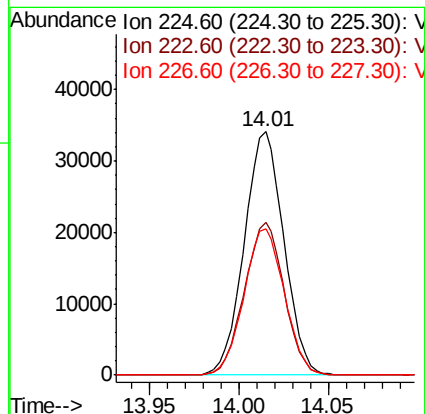
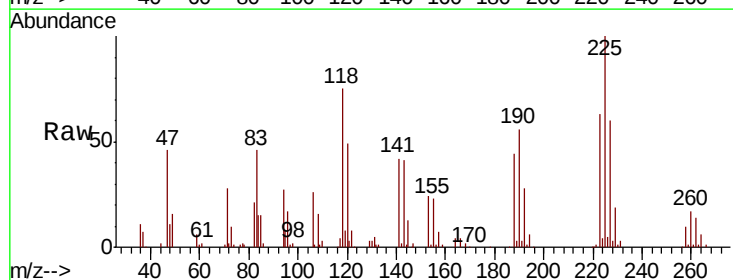
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

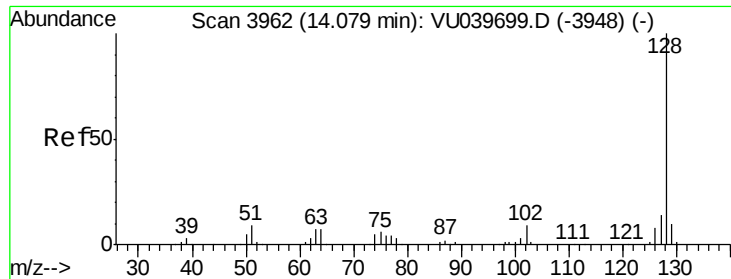
Tot Ion: 91 Resp: 187014
Ion Ratio Lower Upper
91 100
92 53.3 42.6 64.0
134 23.1 18.2 27.4



#88
Hexachlorobutadiene
Concen: 14.201 ug/l
RT: 14.01 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Tgt Ion: 225 Resp: 53045
Ion Ratio Lower Upper
225 100
223 62.8 52.4 78.6
227 61.2 50.7 76.1

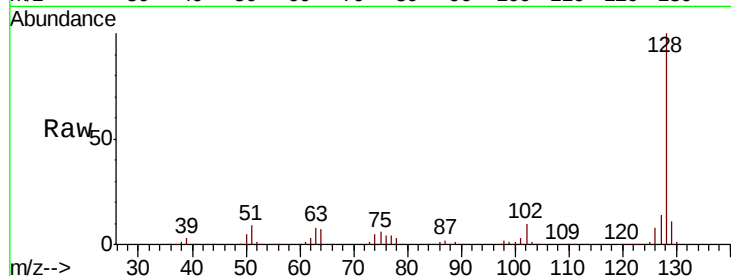




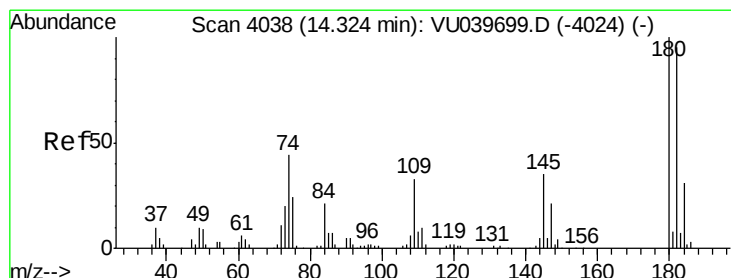
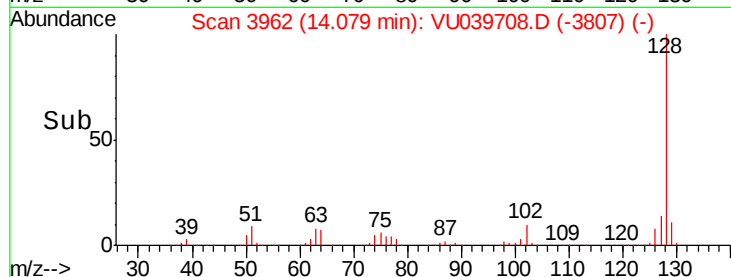
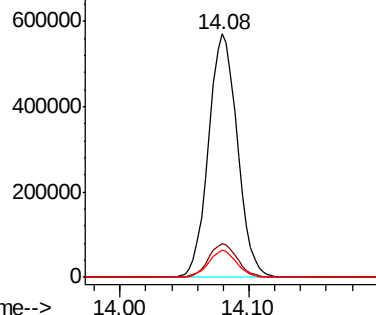
#89
Naphthalene
Concen: 50.405 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion:128 Resp: 887100
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.8 8.4 12.6

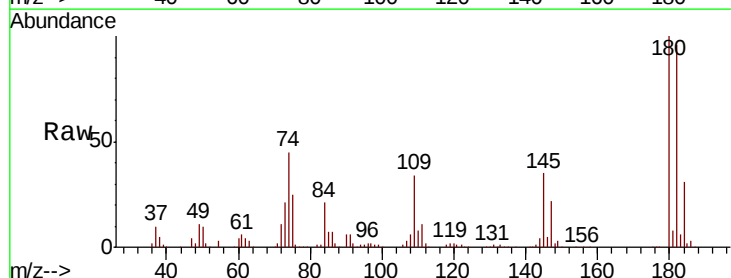


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 38.476 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039708.D
Acq: 29 Jul 2020 17:24

Tgt Ion:180 Resp: 298762
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 35.4 27.8 41.6



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

