

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040606.D
 Acq On : 10 Oct 2020 00:34
 Operator : SY/MD
 Sample : L4352-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ2

Quant Time: Oct 10 06:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129405	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48401	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.92	69	43178	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	73637	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.66	46	188722	55.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	5.08	84	98517	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	60508	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	179074	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	61491	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	143073	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	23387	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	133875	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54719	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	58190	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	3700	0.337 ug/L #	76
8) Chloroethane	2.15	64	623	0.085 ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	548	0.051 ug/L #	20
12) 1,1-Dichloroethene	2.58	96	599	0.065 ug/L #	1
13) Acetone	2.67	43	1750	0.658 ug/L	81
27) 1,2-Dichloroethane	5.82	62	786	0.054 ug/L #	77
35) Methylcyclohexane	6.70	83	14182	0.913 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7139	0.606 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1765	0.110 ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	1064	0.072 ug/L	86
48) 2-Hexanone	8.64	43	21291	3.046 ug/L #	69
52) Ethylbenzene	9.57	91	4265	0.091 ug/L	94
53) m,p-Xylene	9.69	106	6940	0.408 ug/L	89
54) o-Xylene	10.10	106	1893	0.116 ug/L	80
59) 1,2,3-Trichloropropane	11.81	75	7573	0.875 ug/L	88

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

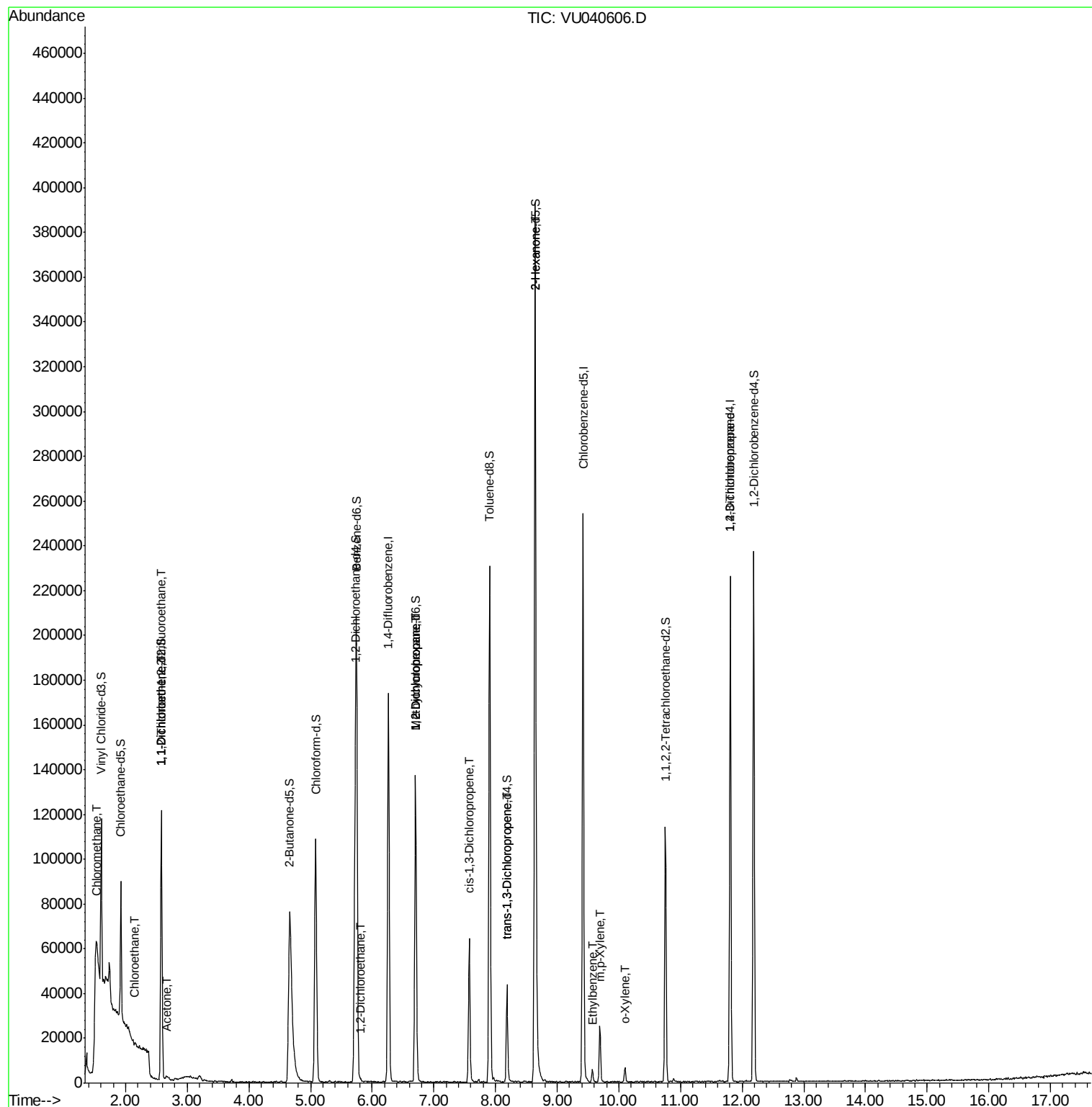
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

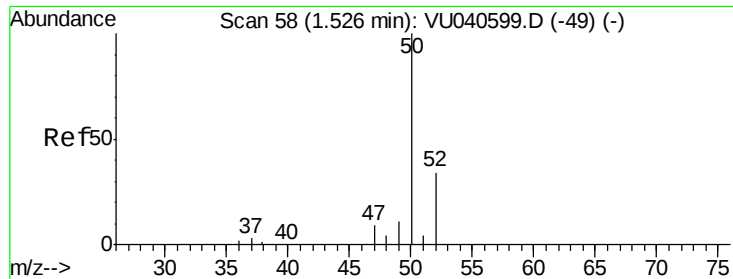
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.337 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

Instrument :

MSVOA_U

ClientSampleId :

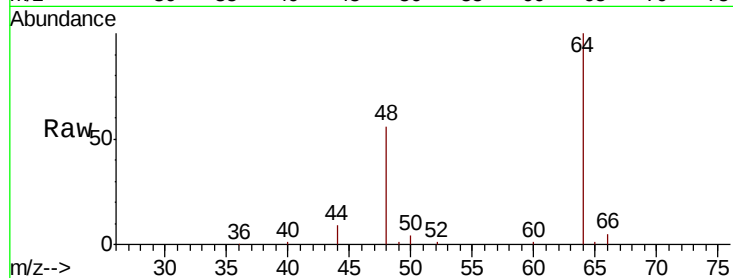
ETYZ2

Tot Ion: 50 Resp: 3700

Ion Ratio Lower Upper

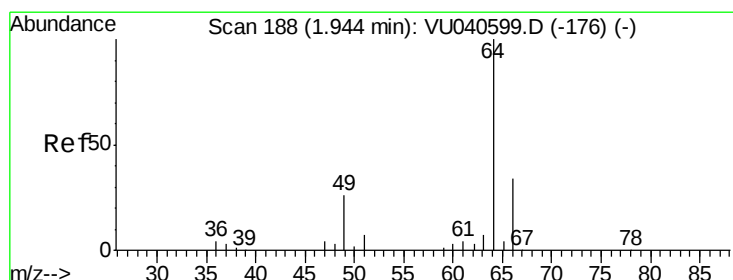
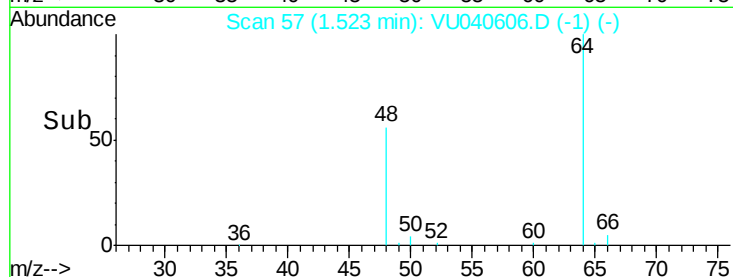
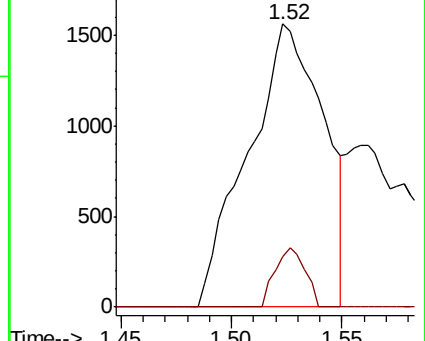
50 100

52 18.0 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040599.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040599.D (-49) (-)



#8

Chloroethane

Concen: 0.085 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.20 min

Lab File: VU040606.D

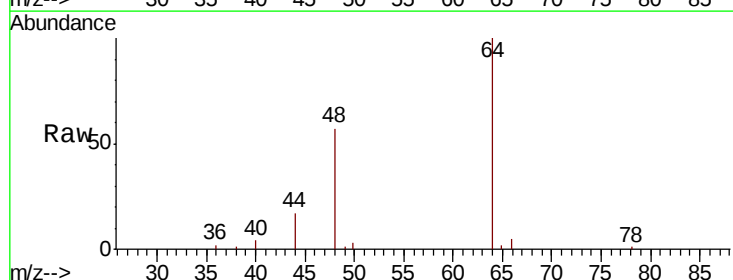
Acq: 10 Oct 2020 00:34

Tgt Ion: 64 Resp: 623

Ion Ratio Lower Upper

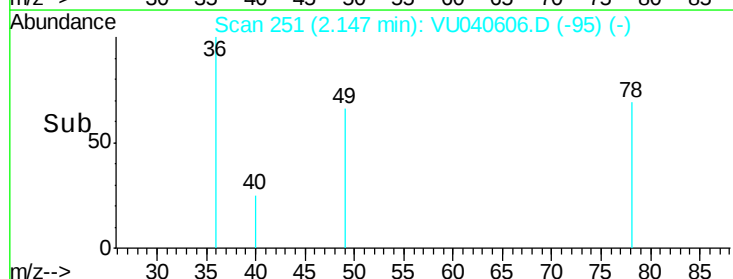
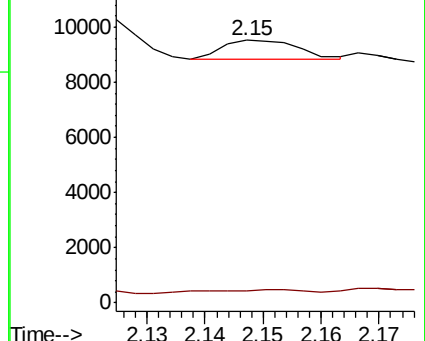
64 100

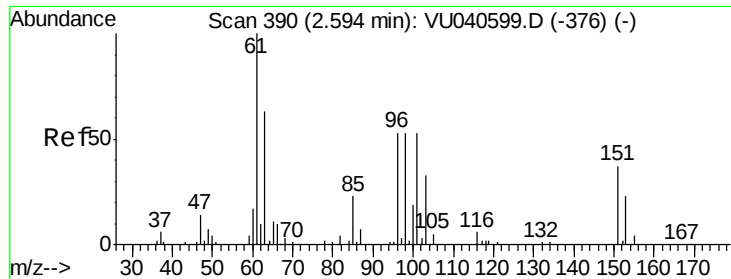
66 4.7 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040599.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU040599.D (-176) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

Instrument :

MSVOA_U

ClientSampled :

ETYZ2

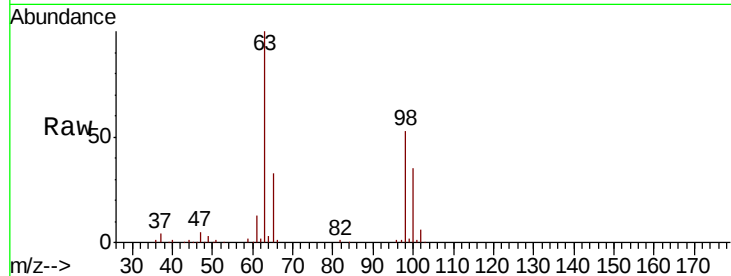
Tot Ion:101 Resp: 548

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

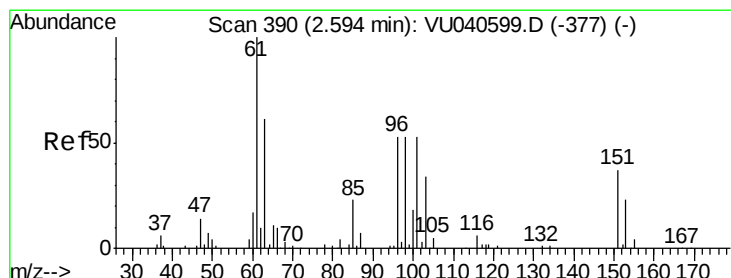
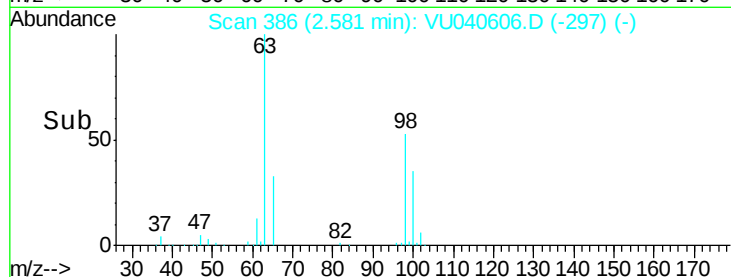
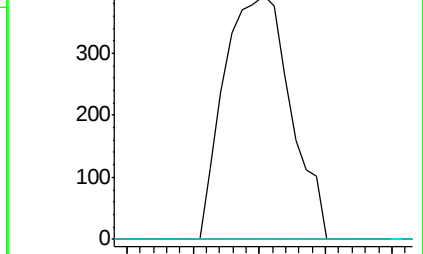
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

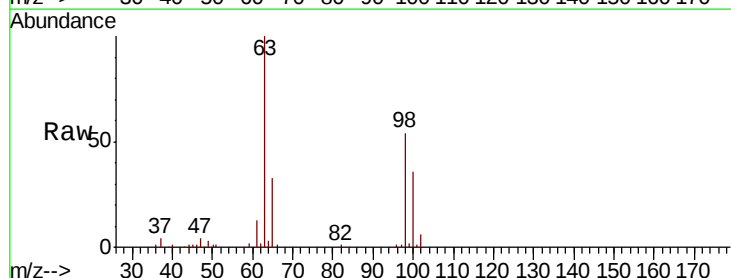
Tgt Ion: 96 Resp: 599

Ion Ratio Lower Upper

96 100

61 1326.9 128.8 239.2#

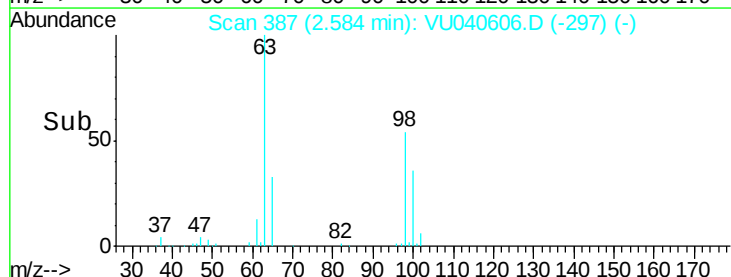
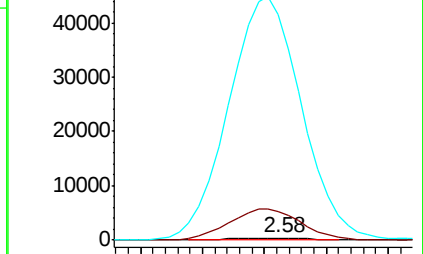
63 10560.4 84.6 157.2#

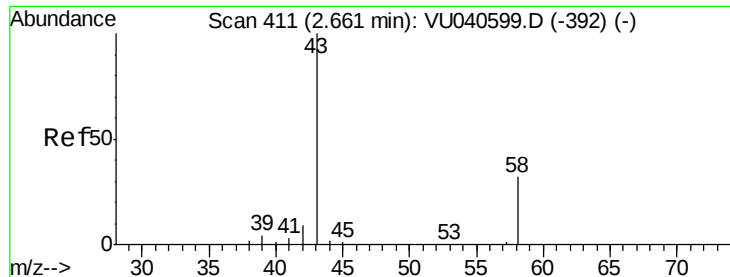


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.658 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

Instrument :

MSVOA_U

ClientSampled :

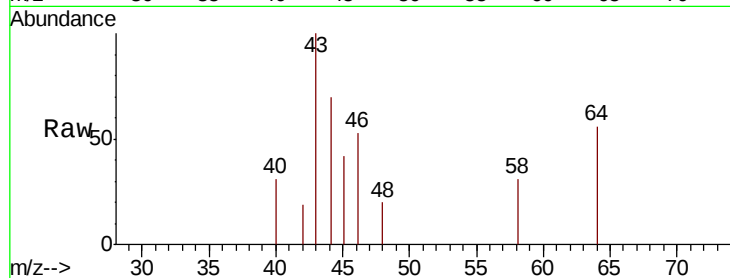
ETYZ2

Tot Ion: 43 Resp: 1750

Ion Ratio Lower Upper

43 100

58 20.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040599.D (-392) (-)

Ion 58.05 (57.75 to 58.75): VU040599.D (-392) (-)

2.67

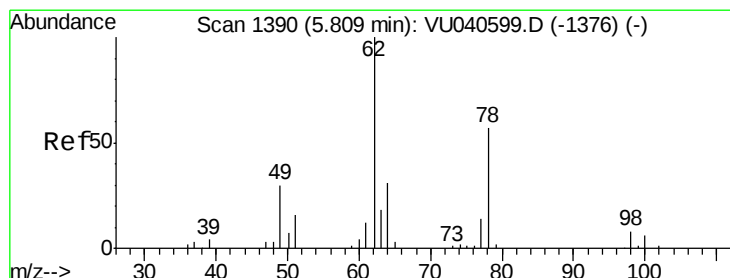
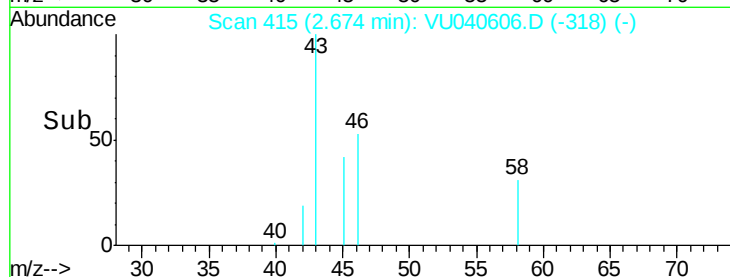
600

400

200

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.054 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VU040606.D

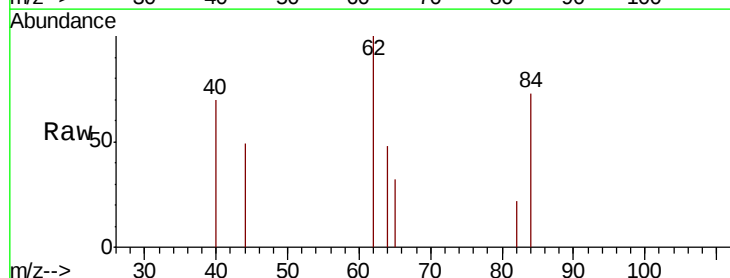
Acq: 10 Oct 2020 00:34

Tgt Ion: 62 Resp: 786

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU040599.D (-1376) (-)

Ion 98.05 (97.75 to 98.75): VU040599.D (-1376) (-)

5.82

500

400

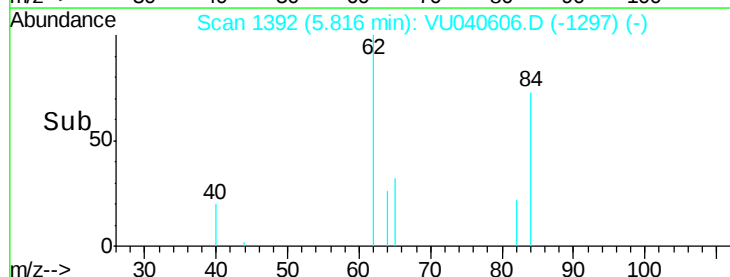
300

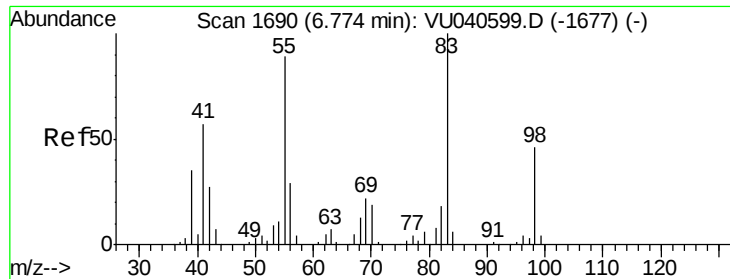
200

100

0

Time-->

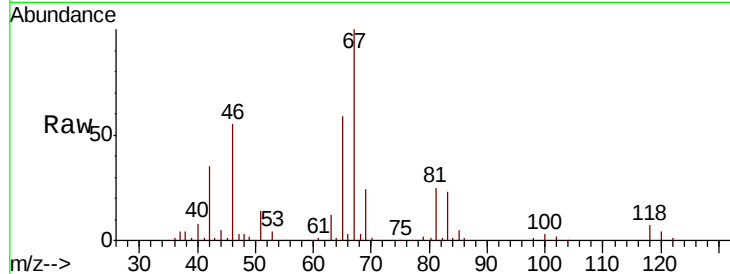




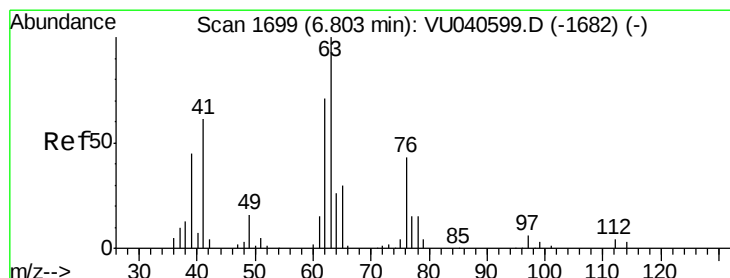
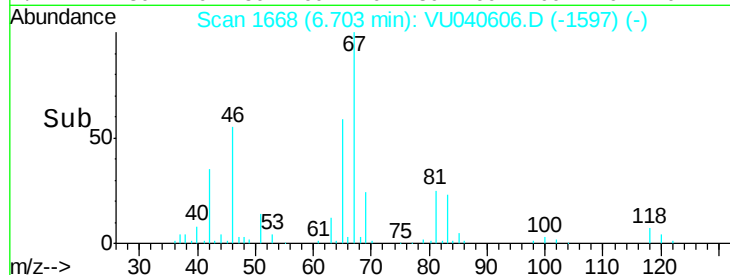
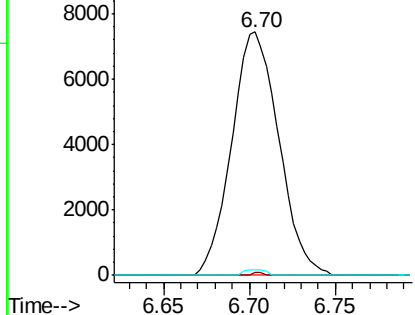
#35
Methvlcvclohexane
Concen: 0.913 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

Instrument :
MSVOA_U
ClientSampleId :
ETYZ2

Tot Ion: 83 Resp: 14182
Ion Ratio Lower Upper
83 100
55 0.3 70.7 106.1#
98 1.0 38.4 57.6#

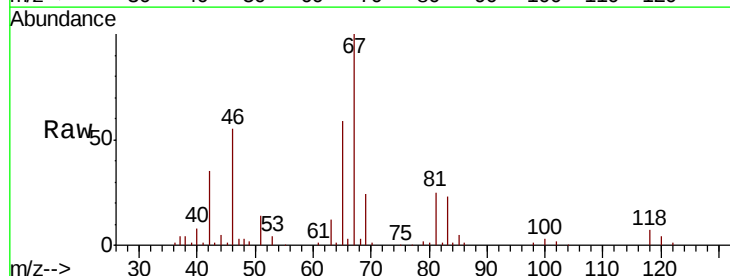


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

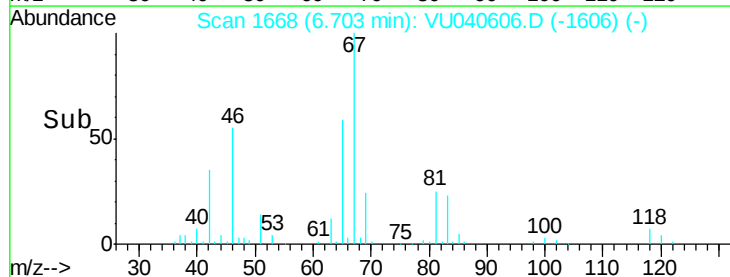
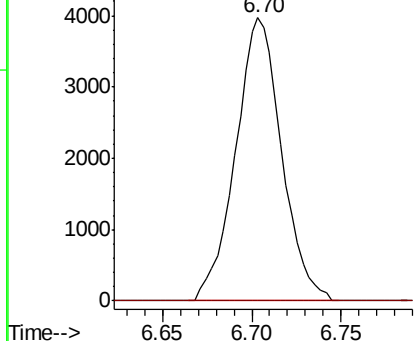


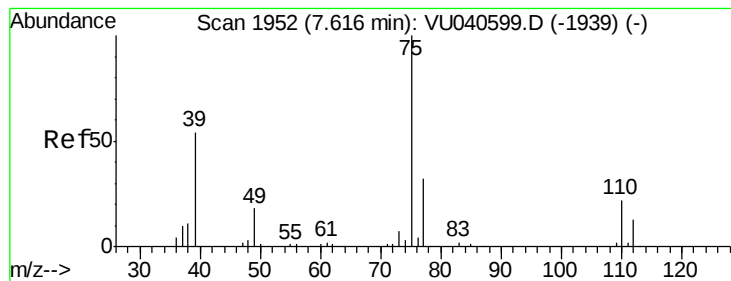
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

Tgt Ion: 63 Resp: 7139
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



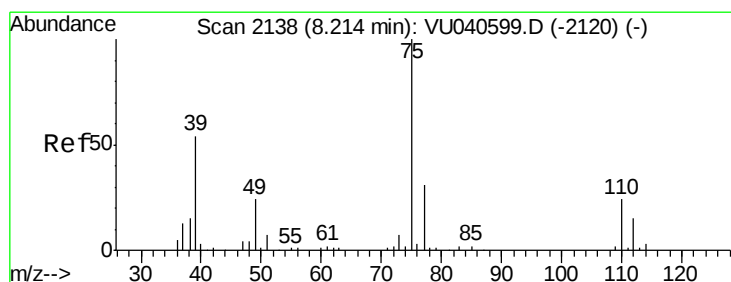
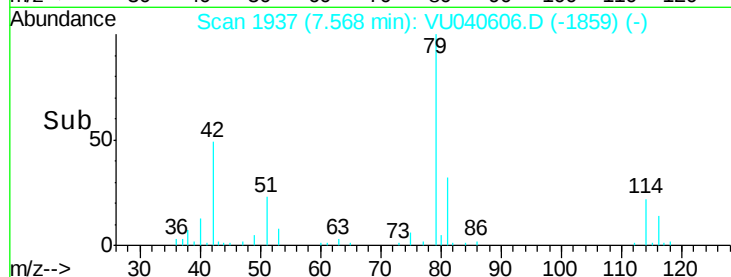
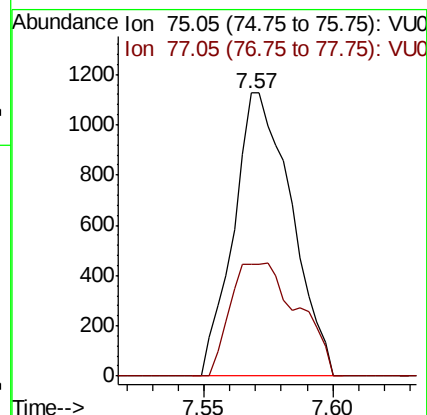
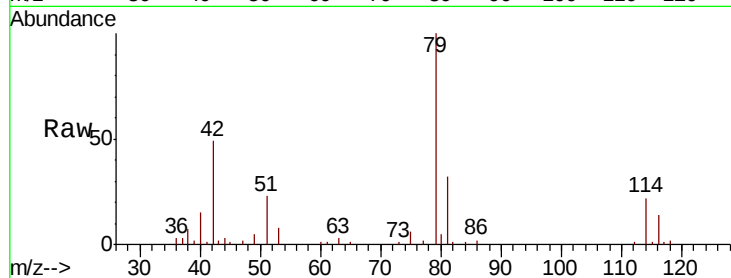


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

Instrument :
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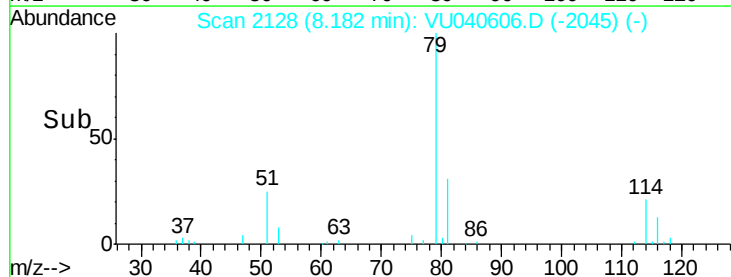
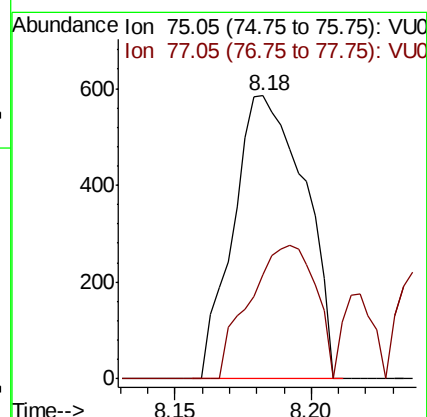
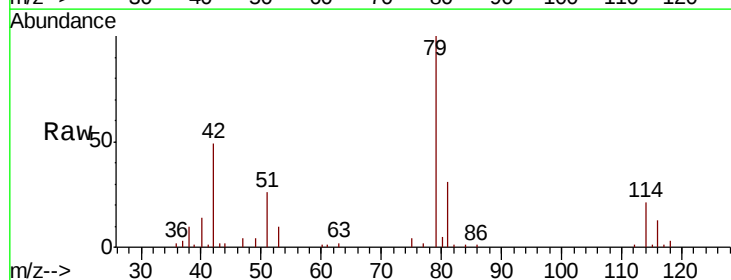
Tot Ion: 75 Resp: 1765
Ion Ratio Lower Upper
75 100
77 39.7 20.5 38.1#

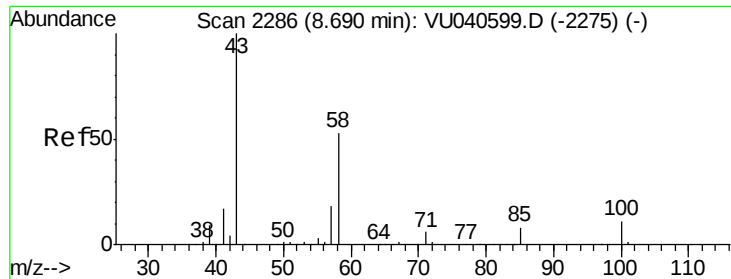


#44

trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 36.9 20.4 38.0

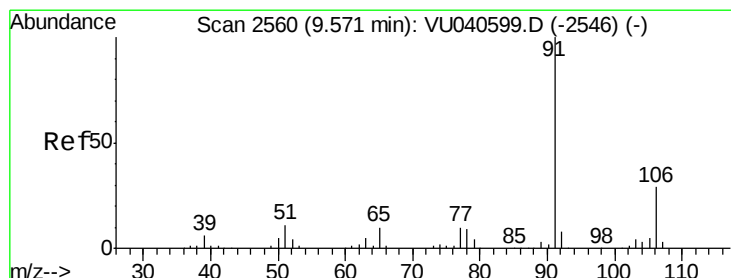
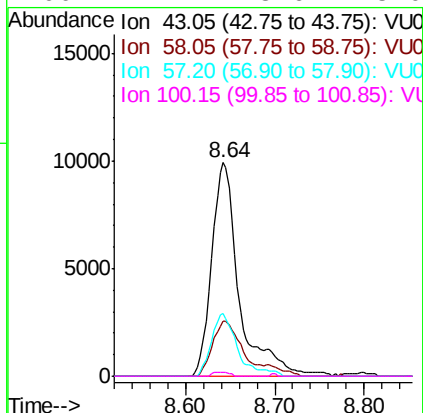
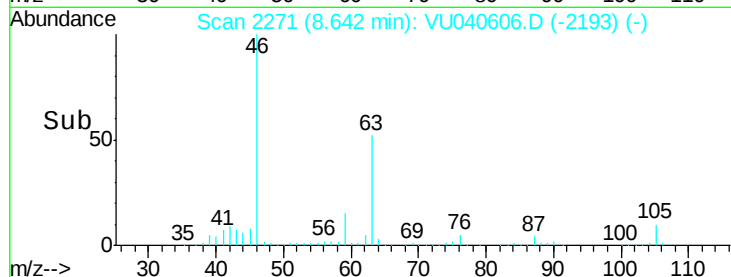
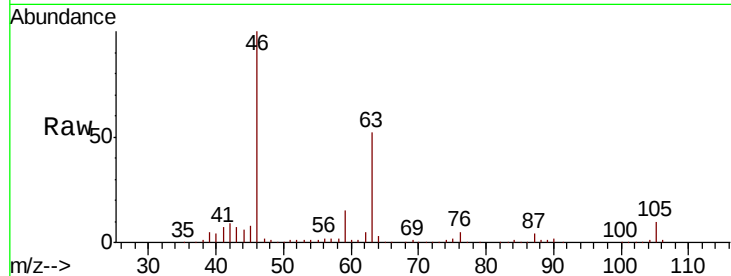




#48
2-Hexanone
Concen: 3.046 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

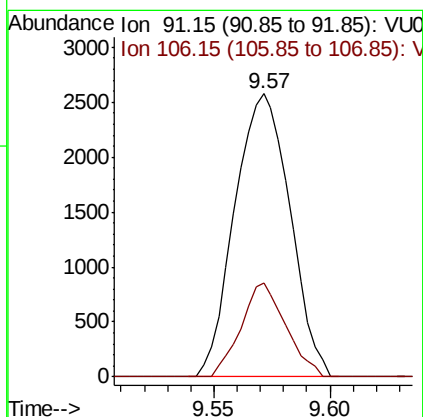
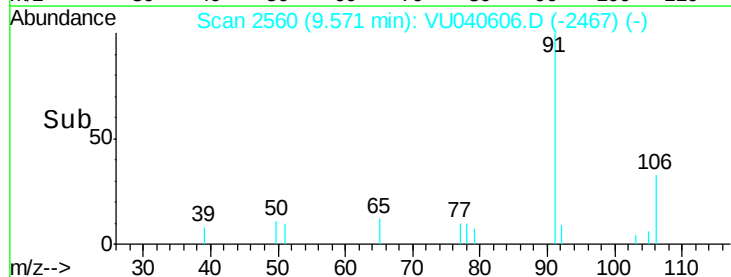
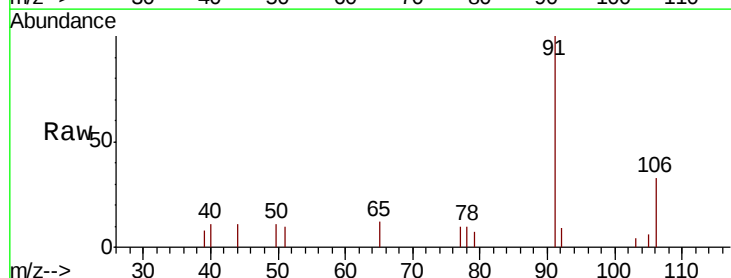
Instrument :
MSVOA_U
ClientSampleId :
ETYZ2

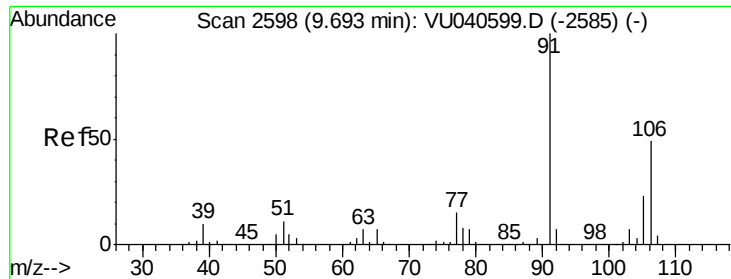
Tot Ion: 43 Resp: 21291
Ion Ratio Lower Upper
43 100
58 27.1 41.0 61.6#
57 27.8 14.4 21.6#
100 1.1 8.6 13.0#



#52
Ethylbenzene
Concen: 0.091 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040606.D
Acq: 10 Oct 2020 00:34

Tgt Ion: 91 Resp: 4265
Ion Ratio Lower Upper
91 100
106 33.0 20.7 38.5





#53

m,p-Xylene

Concen: 0.408 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

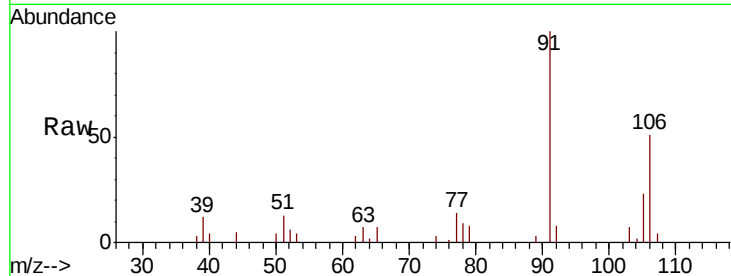
Instrument :
MSVOA_U
ClientSampleId :
ETYZ2

Tot Ion:106 Resp: 6940

Ion Ratio Lower Upper

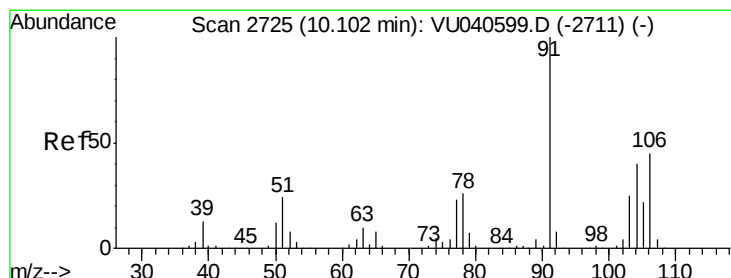
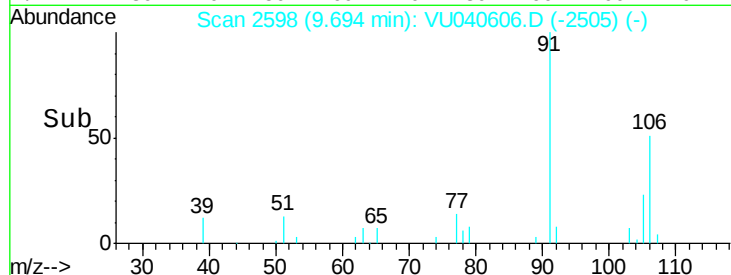
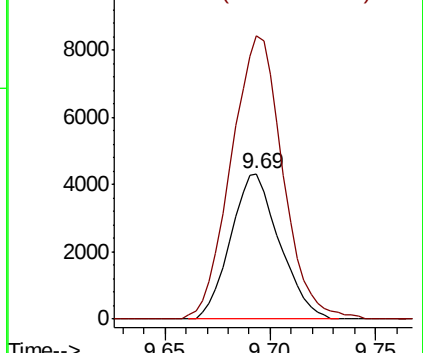
106 100

91 195.0 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.116 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU040606.D

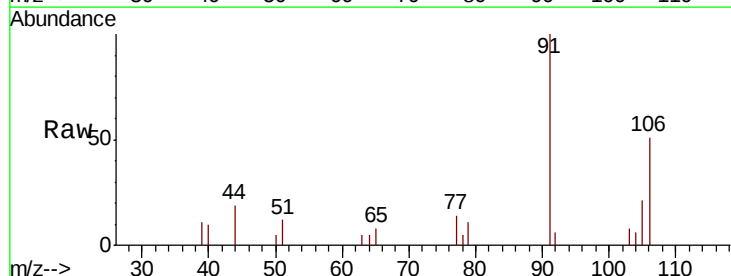
Acq: 10 Oct 2020 00:34

Tgt Ion:106 Resp: 1893

Ion Ratio Lower Upper

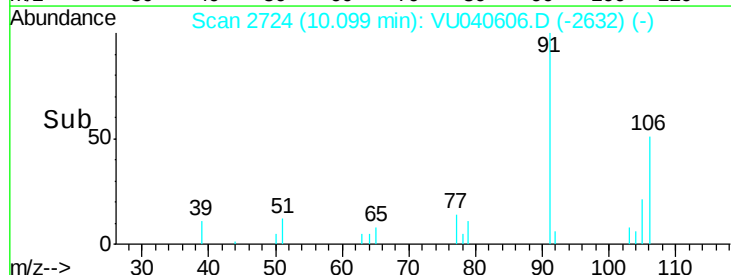
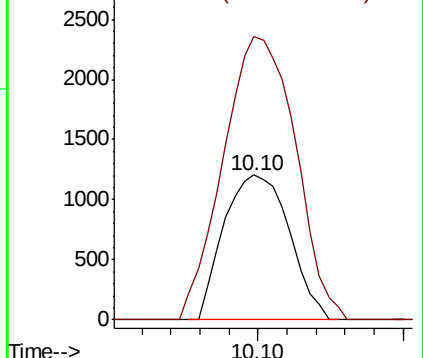
106 100

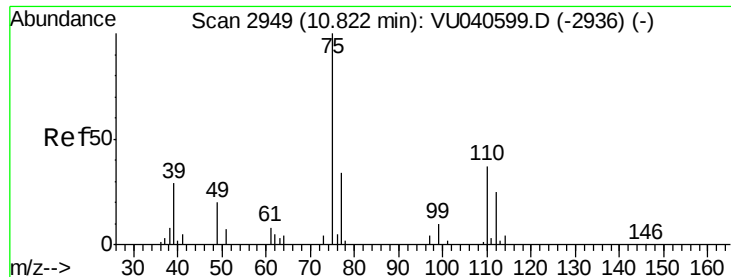
91 195.5 160.2 297.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.875 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040606.D

Acq: 10 Oct 2020 00:34

Instrument :

MSVOA_U

ClientSampleId :

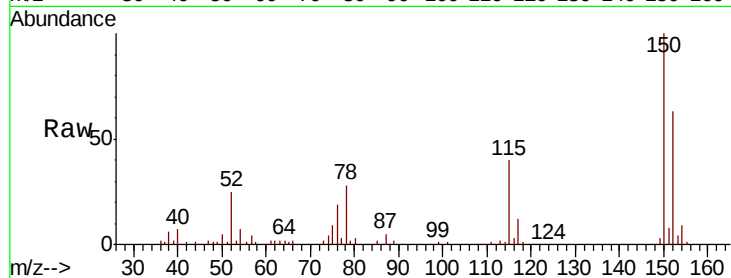
ETYZ2

Tot Ion: 75 Resp: 7573

Ion Ratio Lower Upper

75 100

77 39.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

