

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040614.D
 Acq On : 10 Oct 2020 03:38
 Operator : SY/MD
 Sample : L4352-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ01

Quant Time: Oct 10 06:08:31 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	134638	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47464	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	40152	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	72988	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	193295	54.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.28%
24) Chloroform-d	5.08	84	96078	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	61262	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.74	84	177364	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	61072	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	144024	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	23339	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	133306	49.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53071	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	58327	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

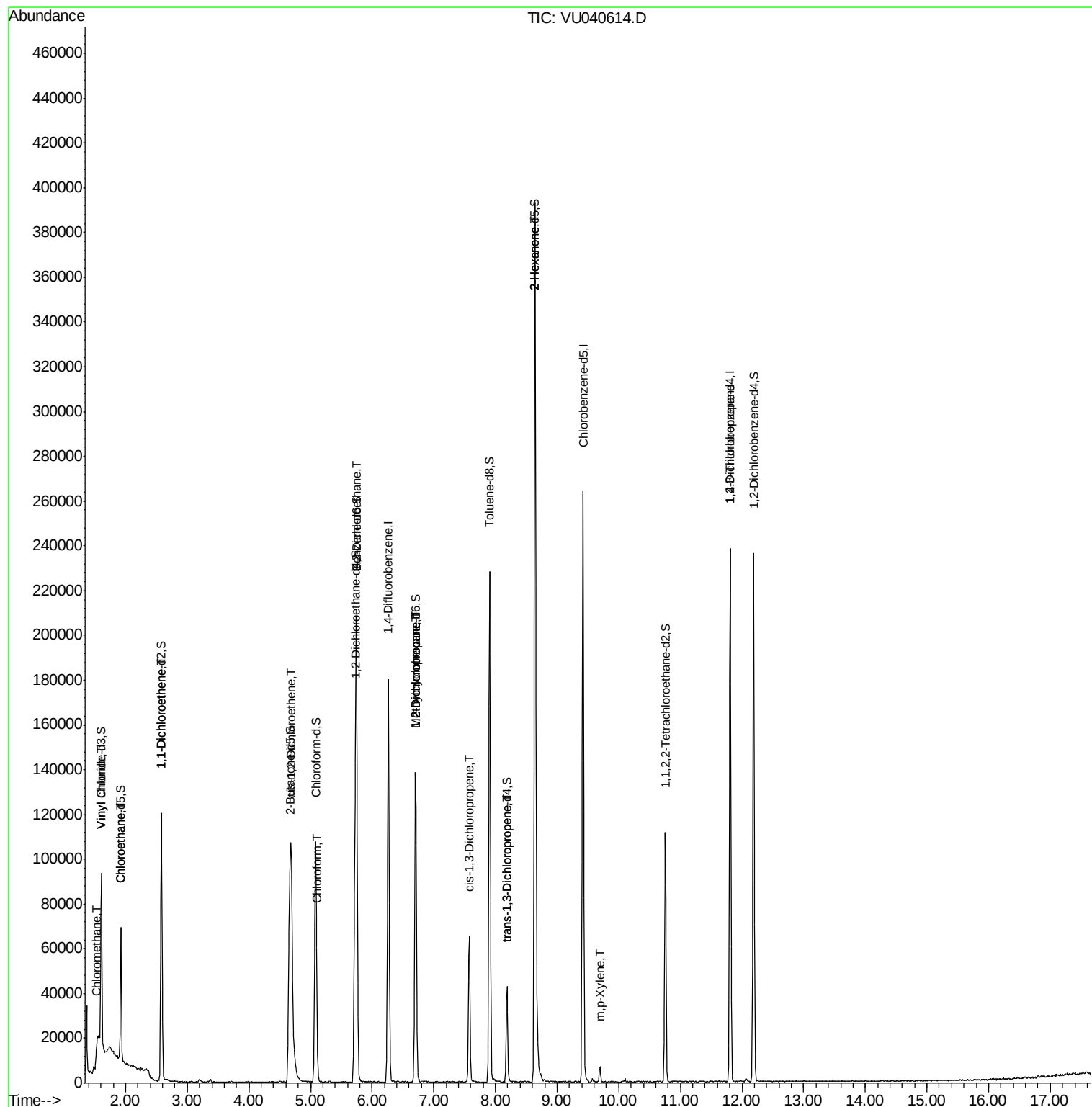
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1070	0.094	ug/L	85
5) Vinyl chloride	1.61	62	5359	0.446	ug/L #	1
8) Chloroethane	1.93	64	937	0.122	ug/L #	49
12) 1,1-Dichloroethene	2.59	96	532	0.055	ug/L #	1
22) cis-1,2-Dichloroethene	4.69	96	26250	2.421	ug/L	91
25) Chloroform	5.11	83	1802	0.085	ug/L	94
27) 1,2-Dichloroethane	5.74	62	1188	0.079	ug/L #	77
35) Methylcyclohexane	6.70	83	14490	0.882	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7018	0.563	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1742	0.102	ug/L #	78
44) trans-1,3-Dichloropropene	8.18	75	1077	0.069	ug/L #	79
48) 2-Hexanone	8.64	43	20974	2.836	ug/L #	76
53) m,p-Xylene	9.69	106	1902	0.106	ug/L	95
59) 1,2,3-Trichloropropane	11.81	75	7648	0.836	ug/L	95

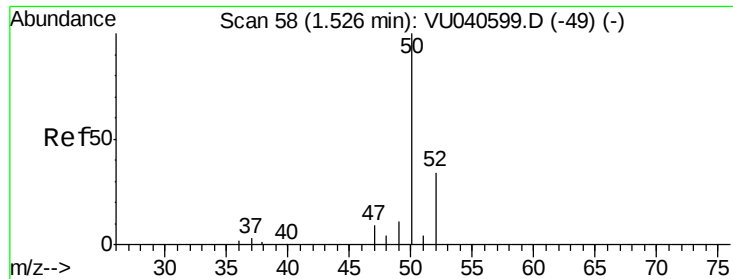
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.094 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040614.D

Acq: 10 Oct 2020 03:38

Instrument :

MSVOA_U

ClientSampled :

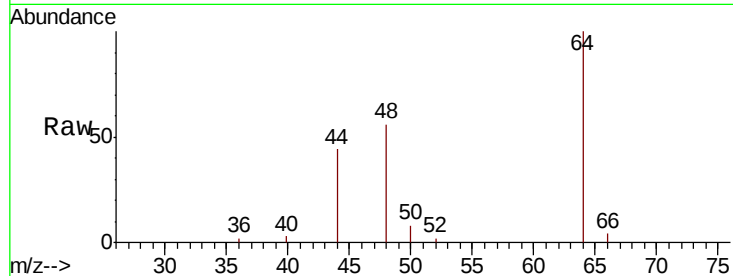
ETZ01

Tot Ion: 50 Resp: 1070

Ion Ratio Lower Upper

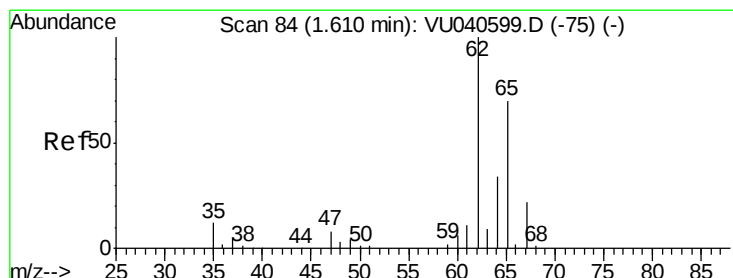
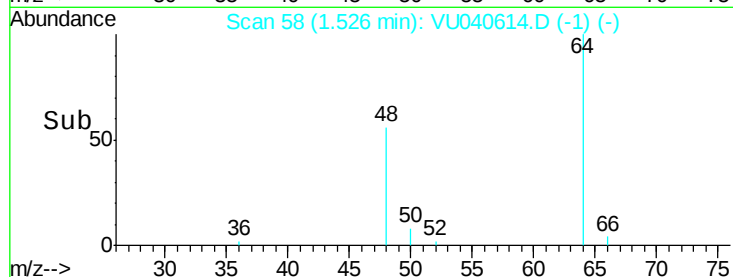
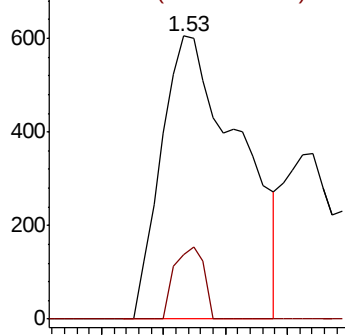
50 100

52 23.0 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.446 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040614.D

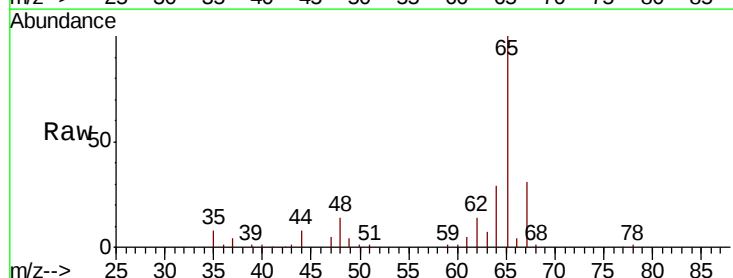
Acq: 10 Oct 2020 03:38

Tgt Ion: 62 Resp: 5359

Ion Ratio Lower Upper

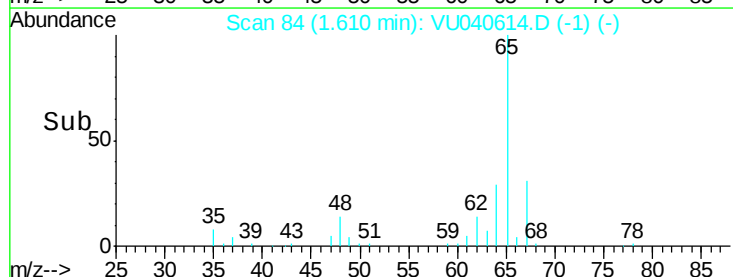
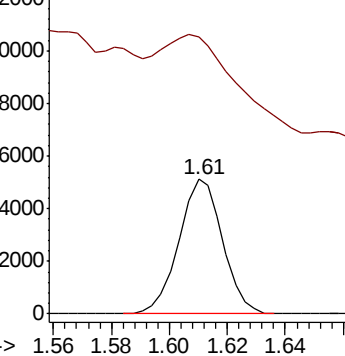
62 100

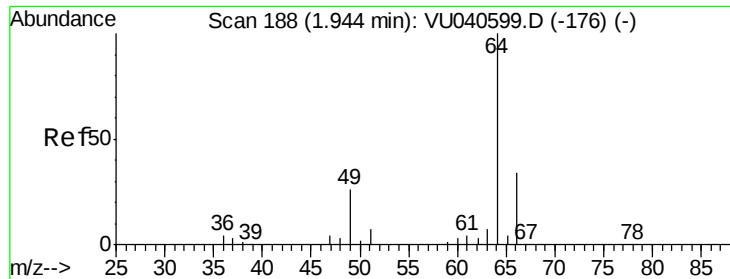
64 206.5 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

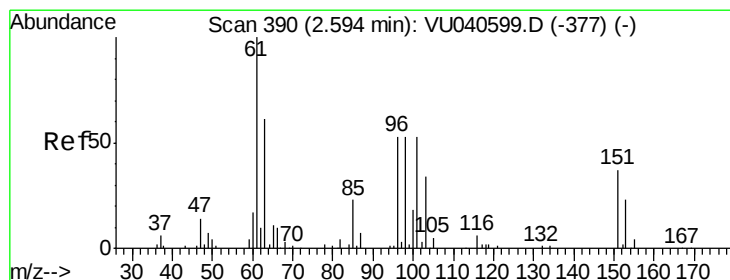
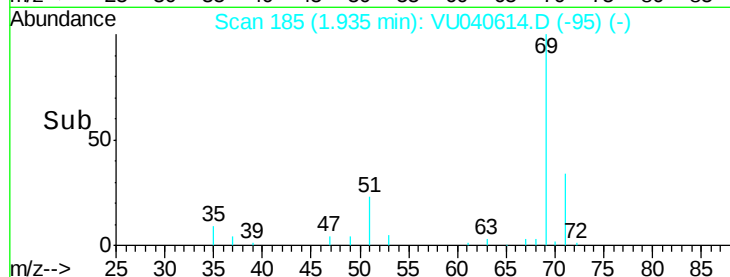
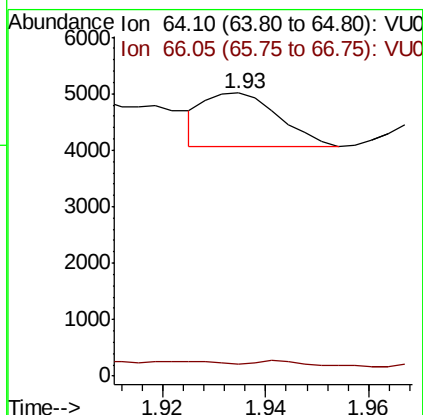
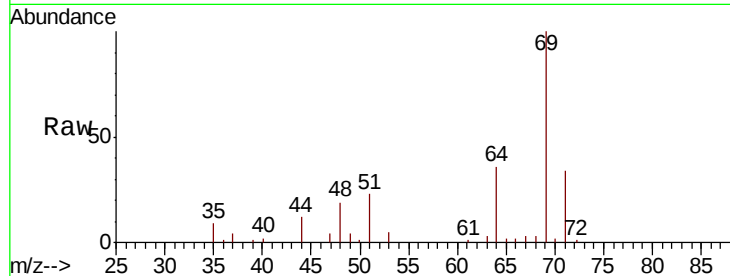




#8
Chloroethane
Concen: 0.122 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU040614.D
Acq: 10 Oct 2020 03:38

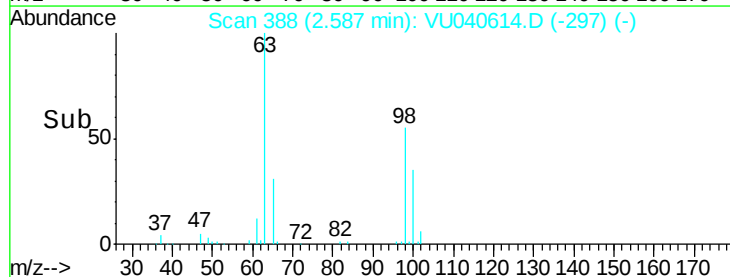
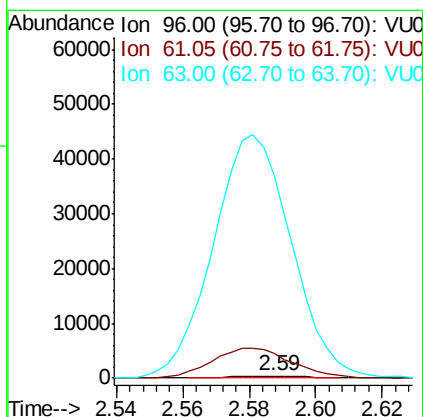
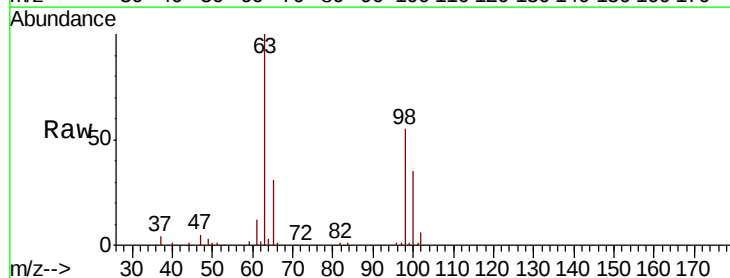
Instrument :
MSVOA_U
ClientSampleId :
ETZ01

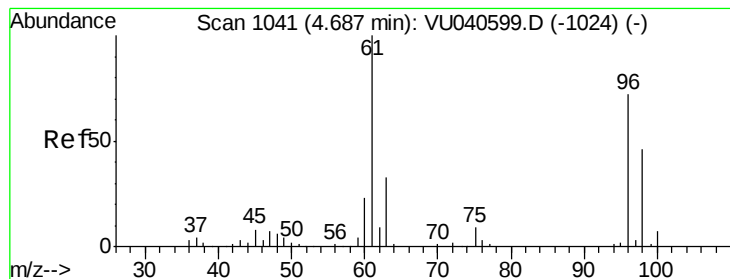
Tot Ion: 64 Resp: 937
Ion Ratio Lower Upper
64 100
66 4.5 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.055 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU040614.D
Acq: 10 Oct 2020 03:38

Tgt Ion: 96 Resp: 532
Ion Ratio Lower Upper
96 100
61 1341.8 128.8 239.2#
63 11192.7 84.6 157.2#





#22

cis-1,2-Dichloroethene

Concen: 2.421 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU040614.D

Acq: 10 Oct 2020 03:38

Instrument :

MSVOA_U

ClientSampleId :

ETZ01

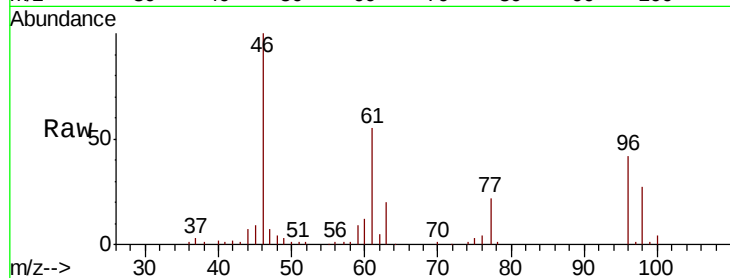
Tot Ion: 96 Resp: 26250

Ion Ratio Lower Upper

96 100

61 131.7 99.8 185.4

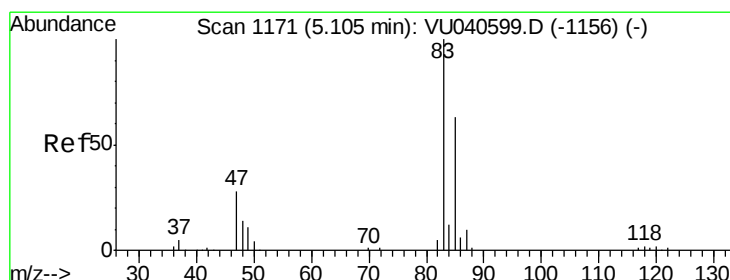
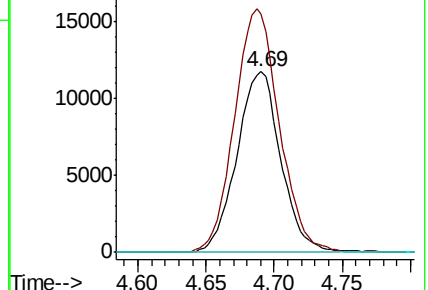
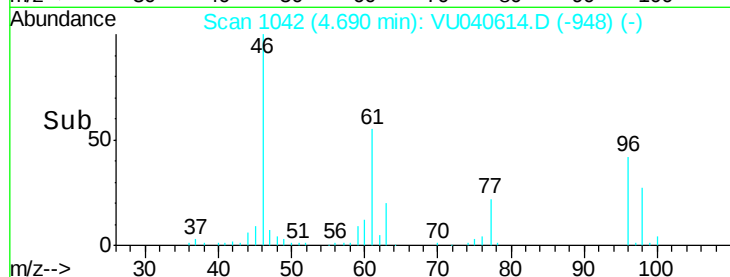
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040614.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU040614.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU040614.D (-948) (-)



#25

Chloroform

Concen: 0.085 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040614.D

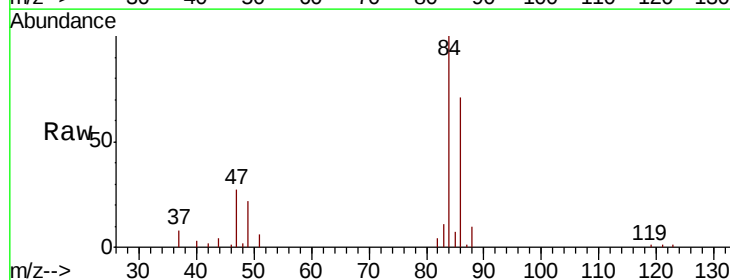
Acq: 10 Oct 2020 03:38

Tgt Ion: 83 Resp: 1802

Ion Ratio Lower Upper

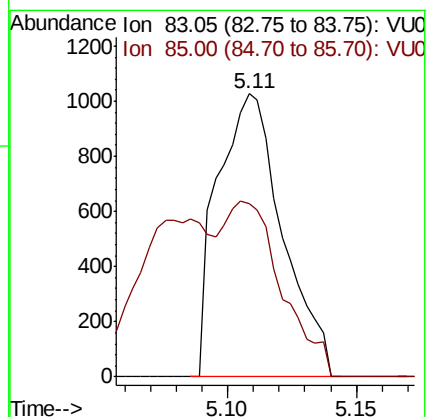
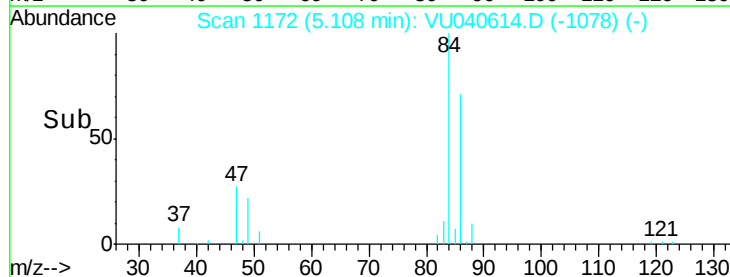
83 100

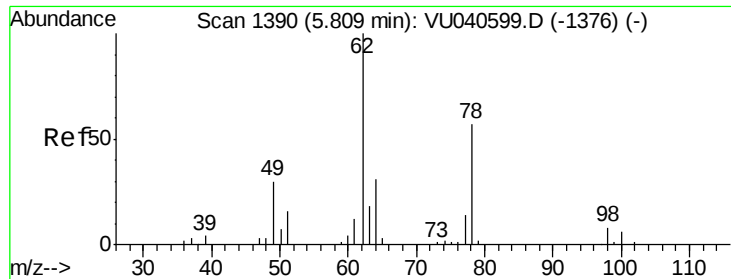
85 61.3 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040614.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040614.D (-1078) (-)

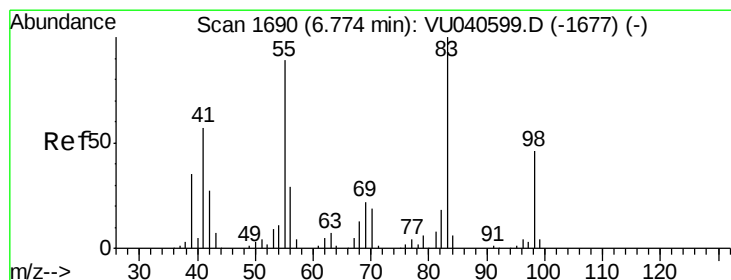
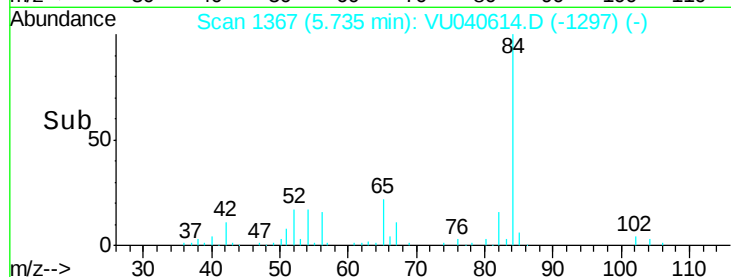
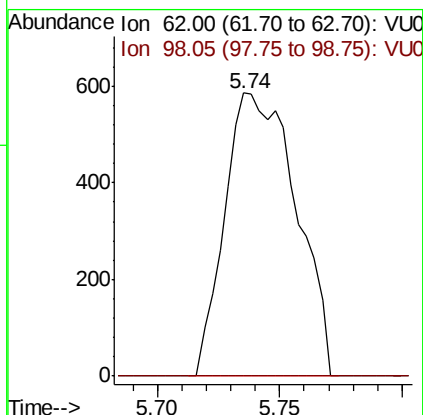
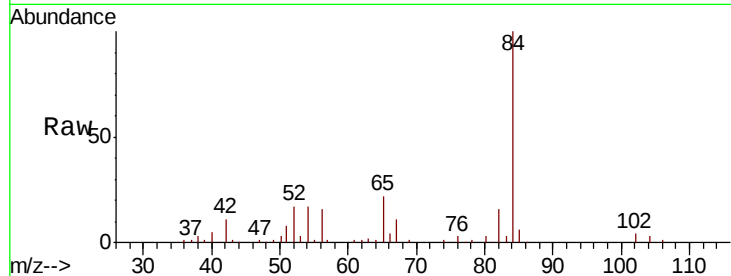




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.07 min
 Lab File: VU040614.D
 Acq: 10 Oct 2020 03:38

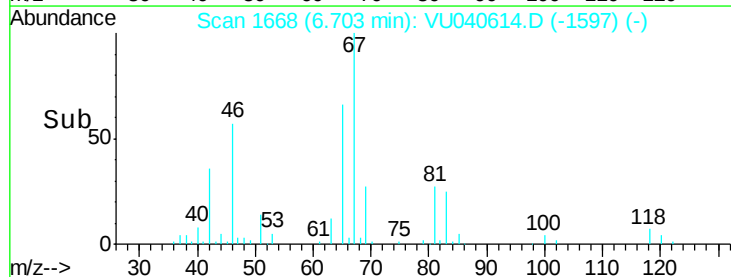
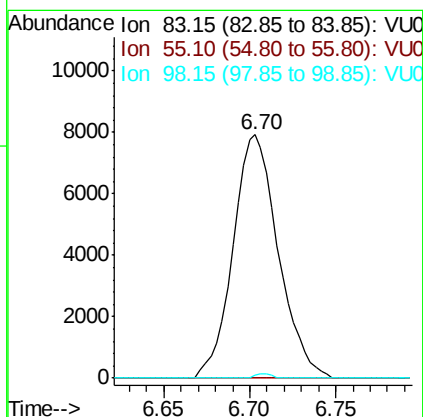
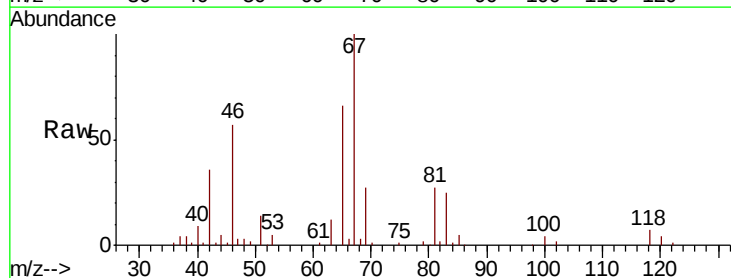
Instrument :
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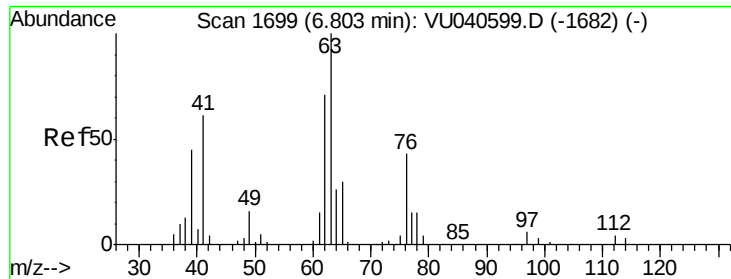
Tot Ion: 62 Resp: 1188
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.882 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040614.D
 Acq: 10 Oct 2020 03:38

Tgt Ion: 83 Resp: 14490
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 0.7 38.4 57.6#

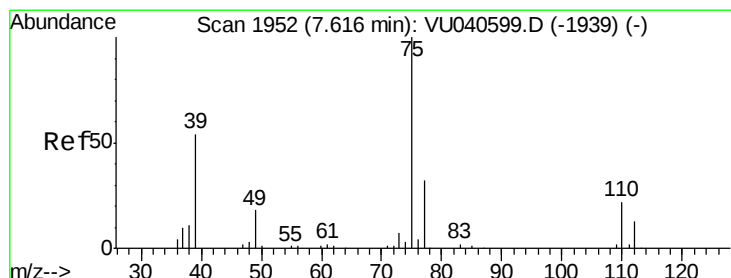
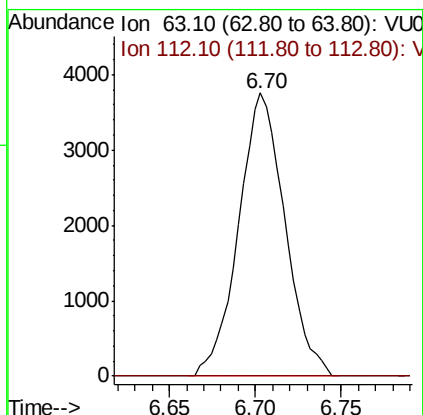
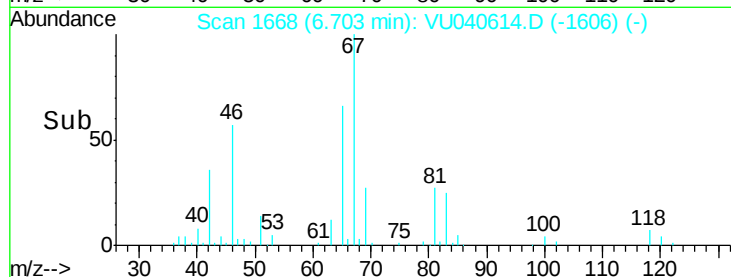
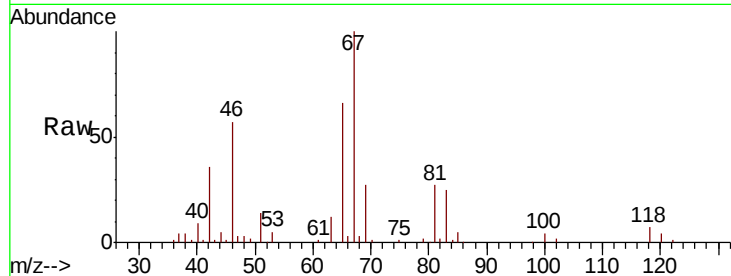




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040614.D
 Acq: 10 Oct 2020 03:38

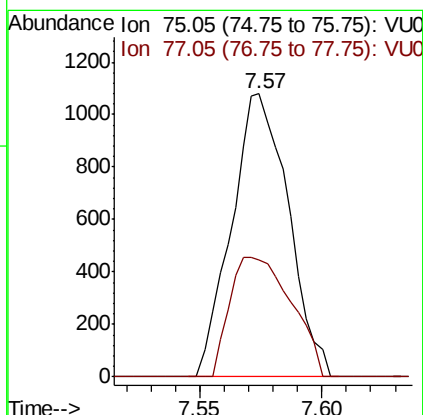
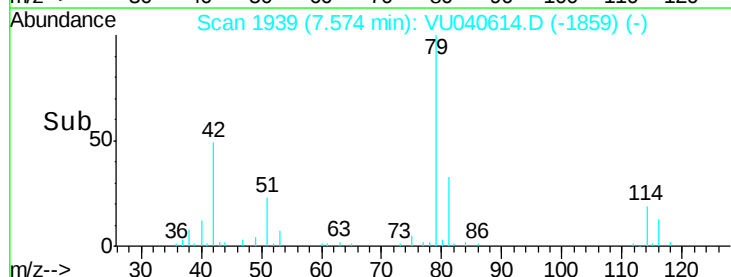
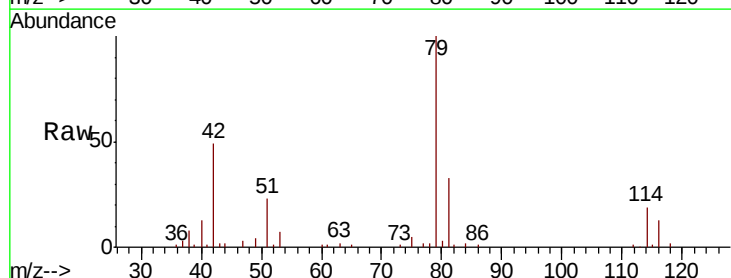
Instrument :
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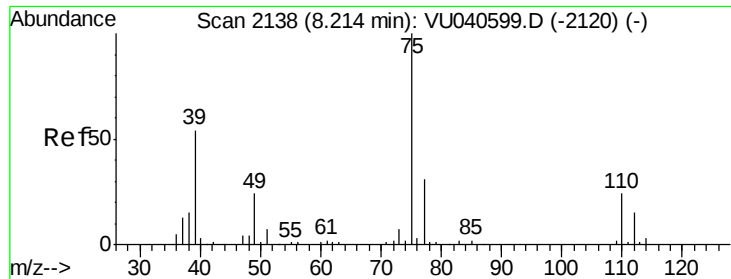
Tot Ion: 63 Resp: 7018
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040614.D
 Acq: 10 Oct 2020 03:38

Tgt Ion: 75 Resp: 1742
 Ion Ratio Lower Upper
 75 100
 77 41.3 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040614.D

Acq: 10 Oct 2020 03:38

Instrument :

MSVOA_U

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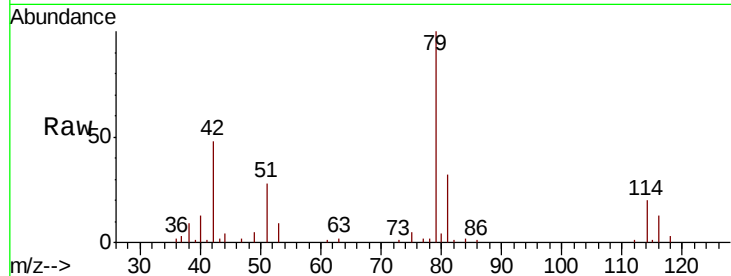
ETZ01

Tot Ion: 75 Resp: 1077

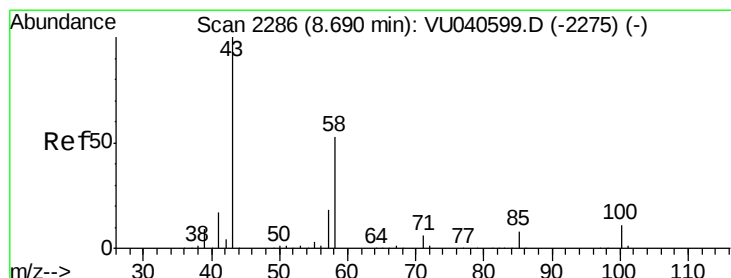
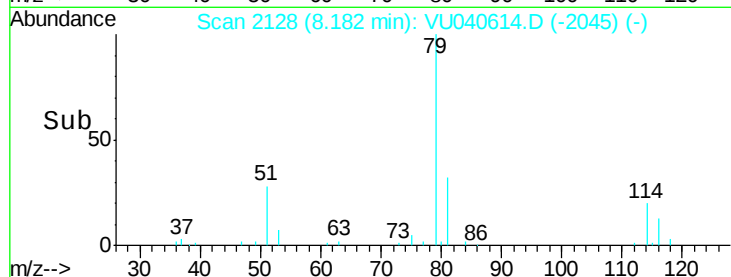
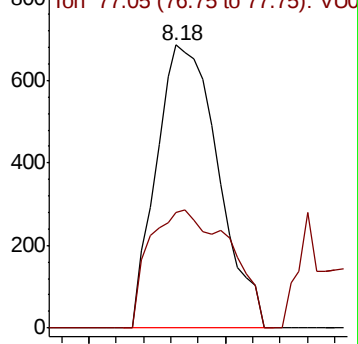
Ion Ratio Lower Upper

75 100

77 40.7 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU040599.D (-2120) (-)



#48

2-Hexanone

Concen: 2.836 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040614.D

Acq: 10 Oct 2020 03:38

Tgt Ion: 43 Resp: 20974

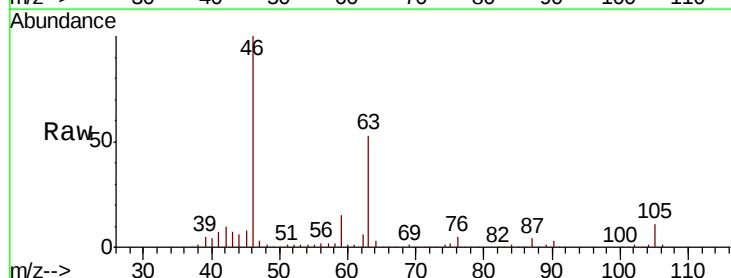
Ion Ratio Lower Upper

43 100

58 33.6 41.0 61.6#

57 26.2 14.4 21.6#

100 1.1 8.6 13.0#

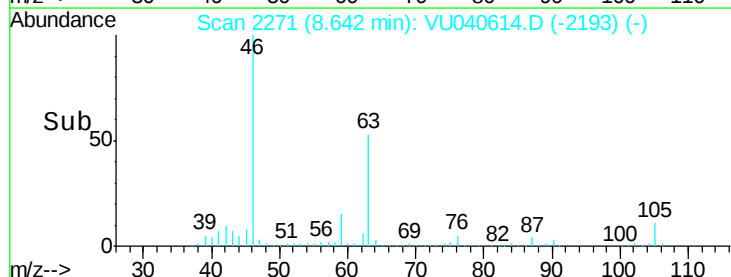
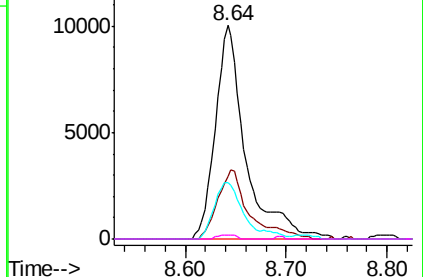


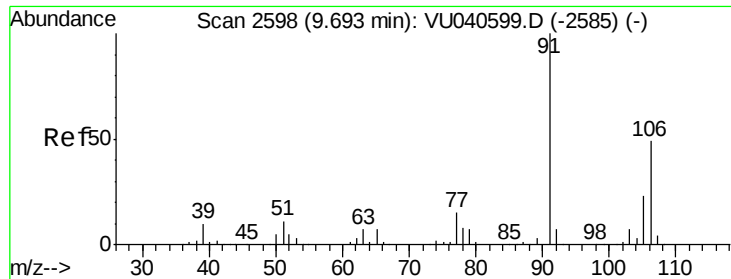
Abundance Ion 43.05 (42.75 to 43.75): VU040599.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040599.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040599.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040599.D (-2275) (-)





#53

m,p-Xylene

Concen: 0.106 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040614.D

Acq: 10 Oct 2020 03:38

Instrument :

MSVOA_U

ClientSampled :

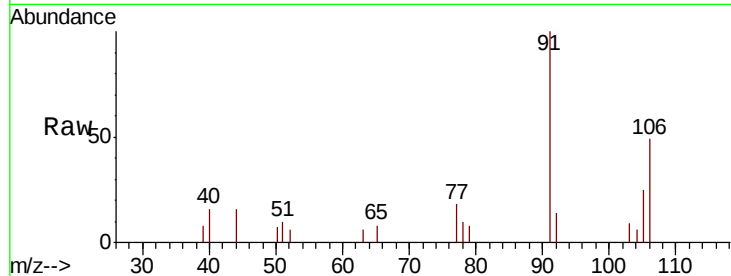
ETZ01

Tot Ion:106 Resp: 1902

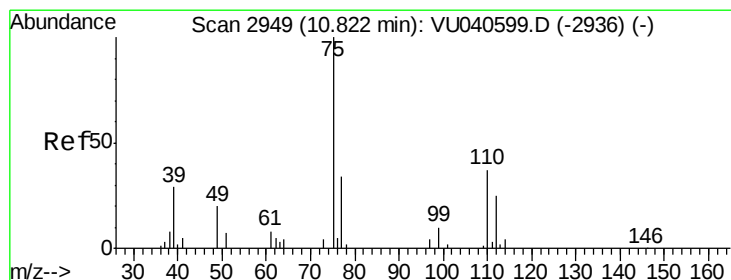
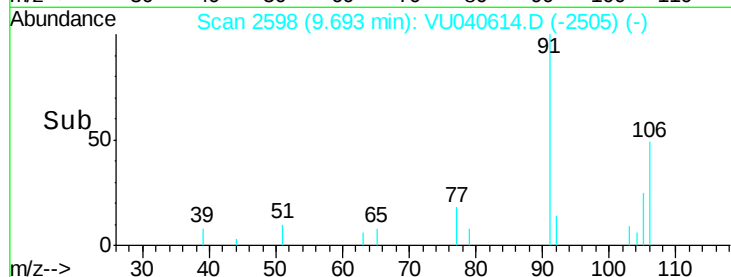
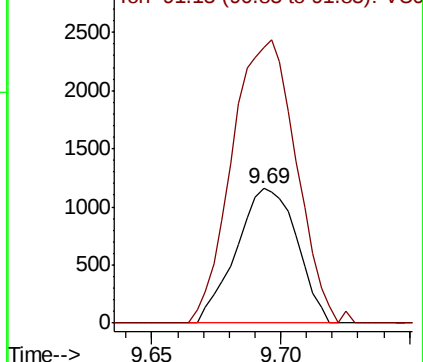
Ion Ratio Lower Upper

106 100

91 204.9 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040599.D (-2585) (-)



#59

1,2,3-Trichloropropane

Concen: 0.836 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040614.D

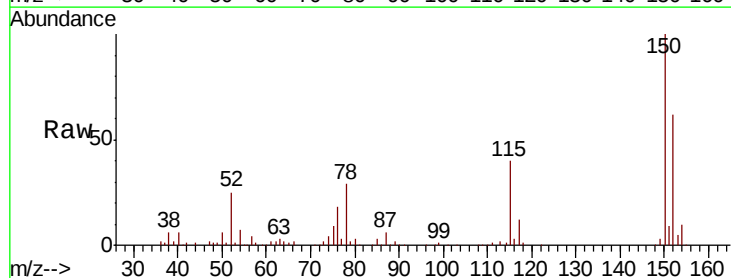
Acq: 10 Oct 2020 03:38

Tgt Ion: 75 Resp: 7648

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040599.D (-2936) (-)

