

Data File : VU027616.D
Acq On : 12 Oct 2018 10:47
Operator : MD/SY
Sample : J5405-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08X7

Quant Time: Oct 13 01:40:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	193185	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71847	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63733	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.84%
7) Chloroethane-d5	1.68	69	50270	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.84%
11) 1,1-Dichloroethene-d2	2.27	63	92288	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	4.18	46	109692	89.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.37%
24) Chloroform-d	4.65	84	108234	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.31	65	74271	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
32) Benzene-d6	5.34	84	224092	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.33	67	78062	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.10%
41) Toluene-d8	7.57	98	186289	42.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.22%
43) trans-1,3-Dichloropropene-	7.85	79	33740	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.60%
47) 2-Hexanone-d5	8.31	63	74701	87.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98213	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	65423	46.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.08%

Target Compounds

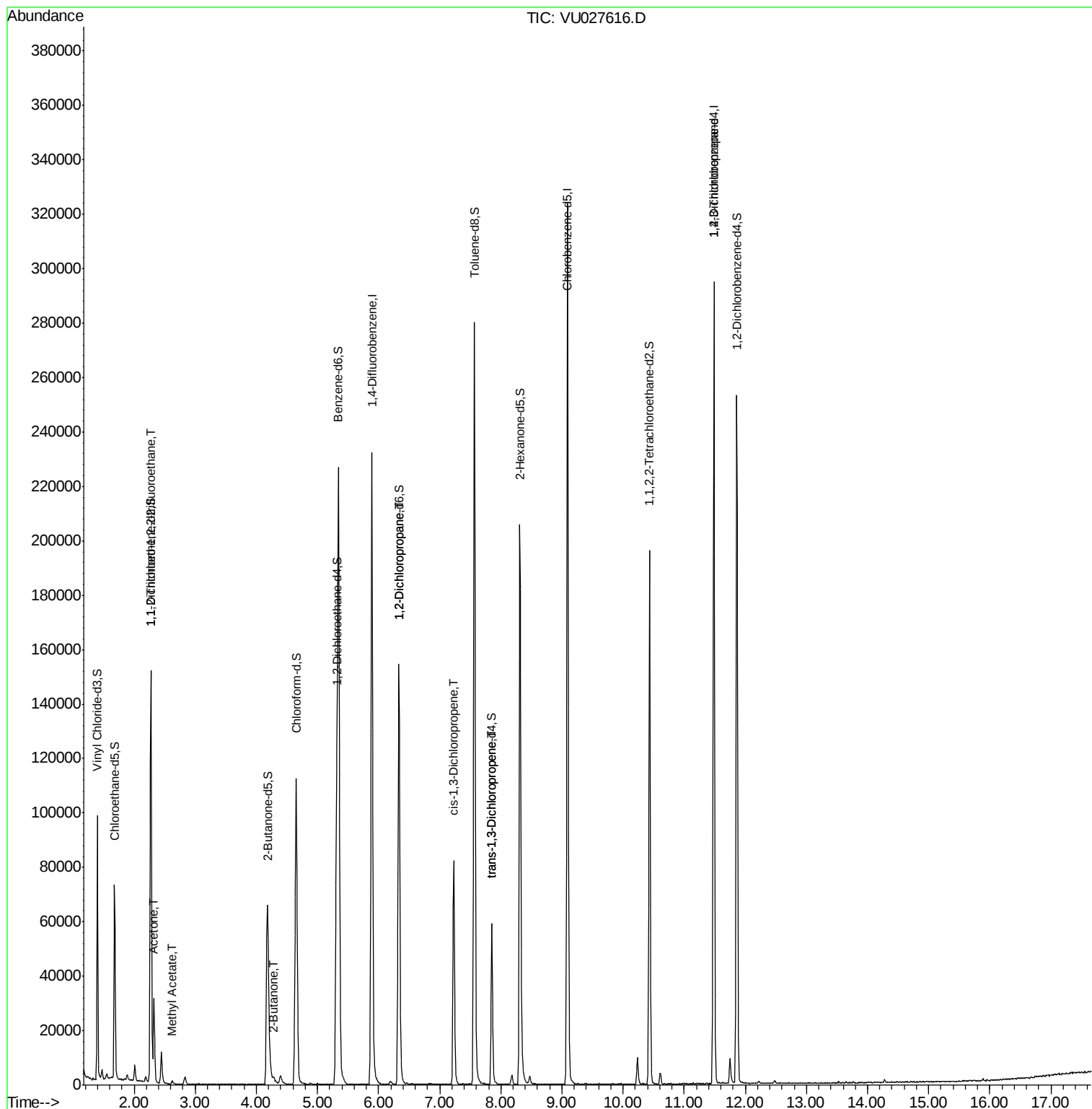
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	722	0.565 ug/L #	21
13) Acetone	2.32	43	32530	32.315 ug/L	100
15) Methyl Acetate	2.62	43	1680	0.833 ug/L #	70
22) 2-Butanone	4.29	43	2452	1.702 ug/L #	73
37) 1,2-Dichloropropane	6.33	63	8303	5.050 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1868	0.773 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1345	0.600 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	10242	5.503 ug/L	95

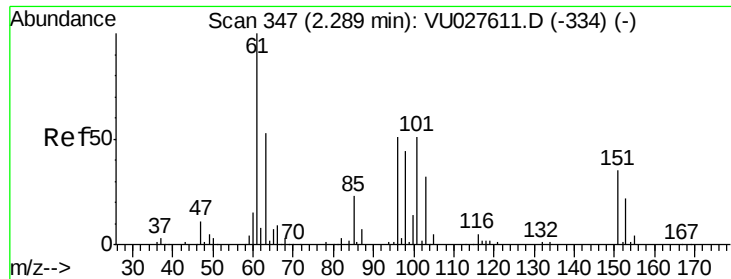
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.565 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027616.D

Acq: 12 Oct 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

C08X7

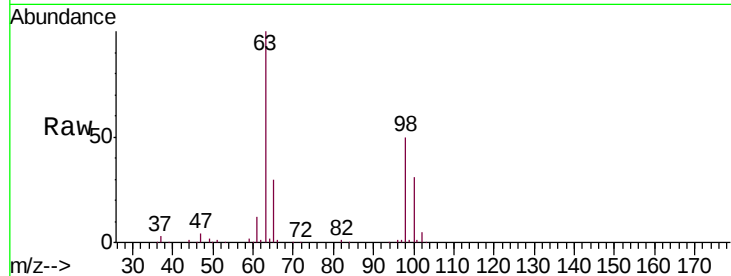
Tgt Ion:101 Resp: 722

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 55.7 83.5#



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

2.27

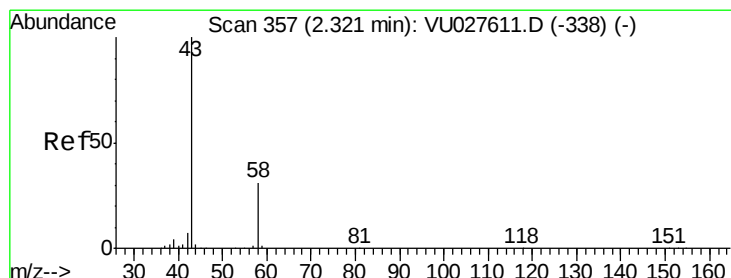
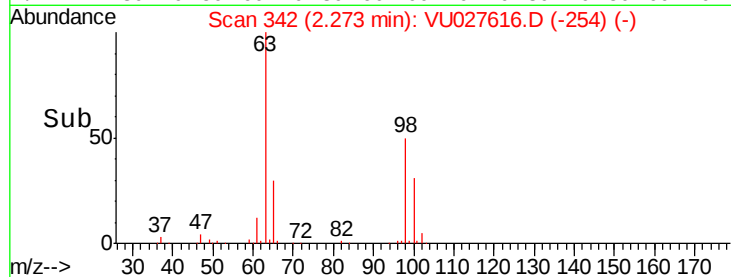
400

200

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 32.315 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027616.D

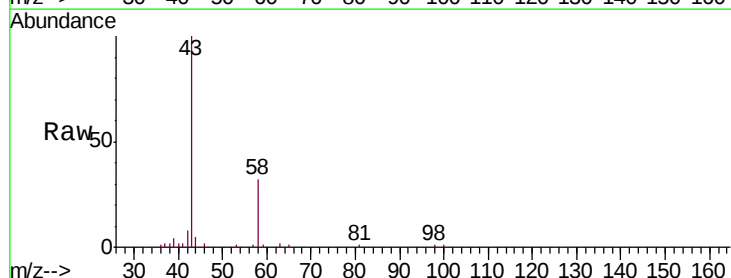
Acq: 12 Oct 2018 10:47

Tgt Ion: 43 Resp: 32530

Ion Ratio Lower Upper

43 100

58 30.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

20000

15000

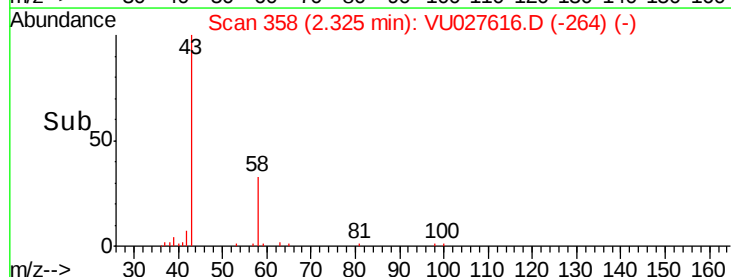
10000

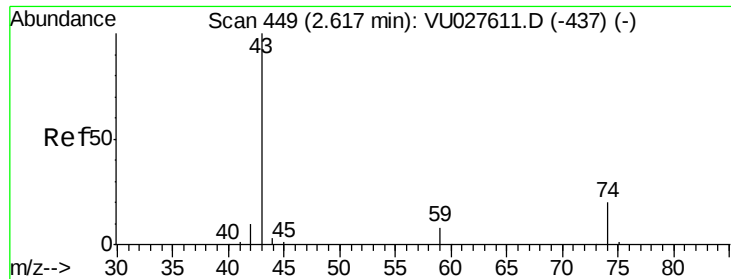
5000

0

2.25 2.30 2.35 2.40

Time-->





#15

Methyl Acetate

Concen: 0.833 ug/L

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027616.D

Acq: 12 Oct 2018 10:47

Instrument :

MSVOA_U

ClientSampled :

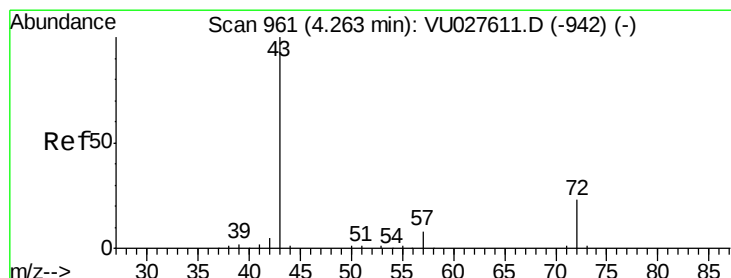
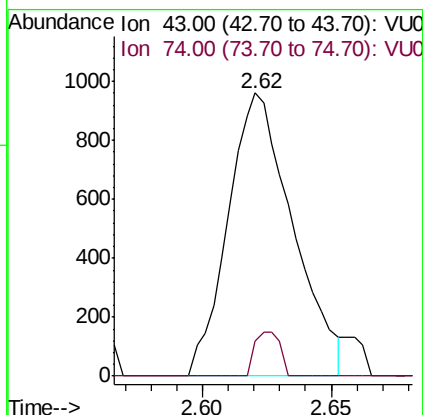
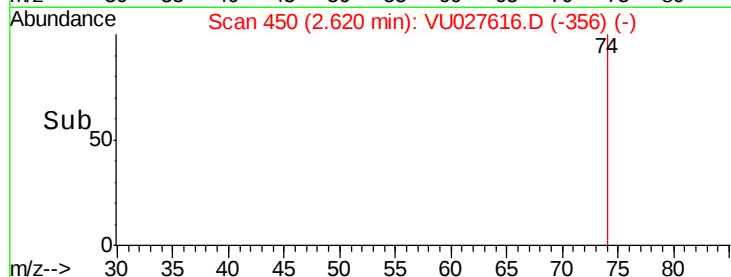
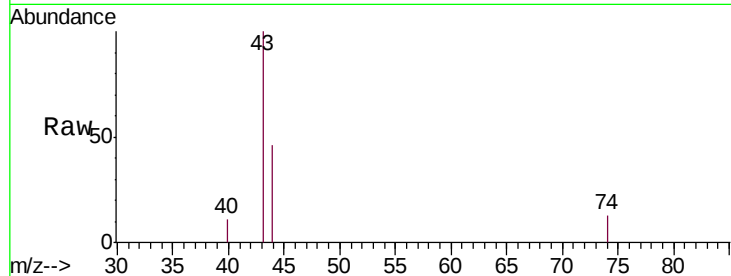
C08X7

Tgt Ion: 43 Resp: 1680

Ion Ratio Lower Upper

43 100

74 6.2 16.0 24.0#



#22

2-Butanone

Concen: 1.702 ug/L

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027616.D

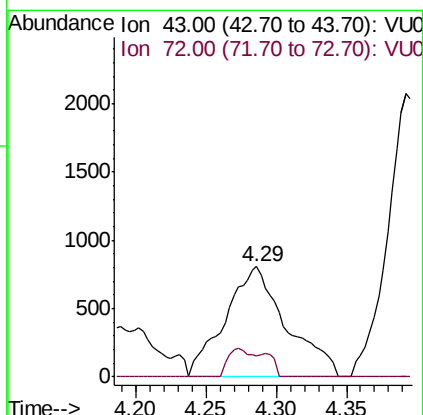
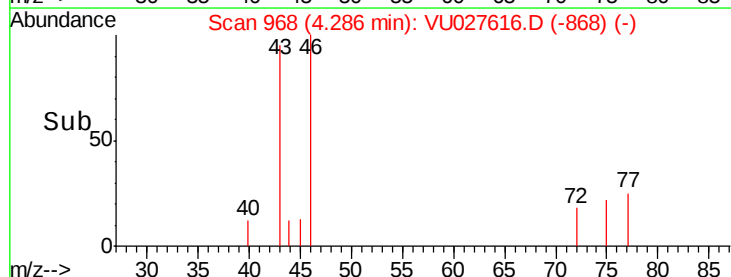
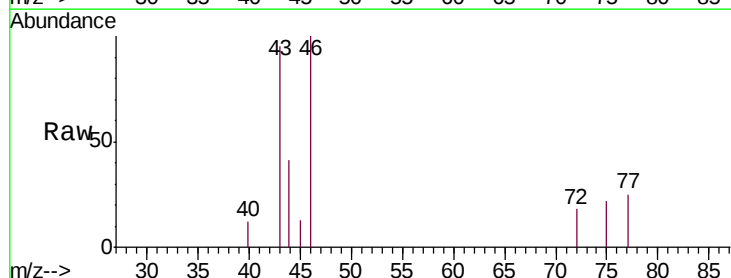
Acq: 12 Oct 2018 10:47

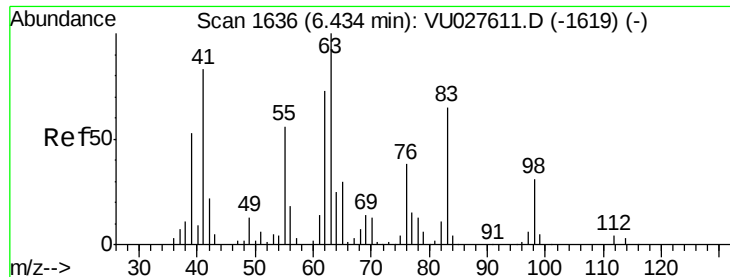
Tgt Ion: 43 Resp: 2452

Ion Ratio Lower Upper

43 100

72 10.7 11.9 35.5#

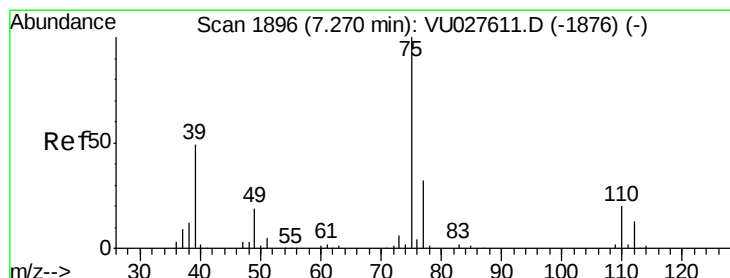
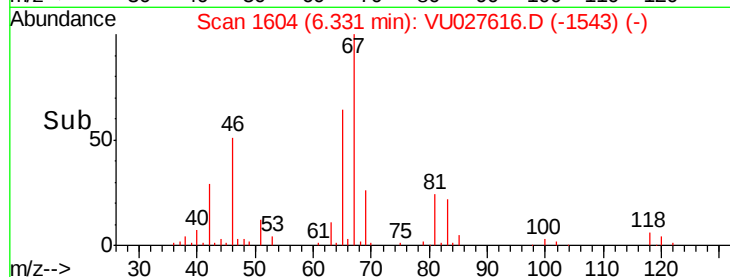
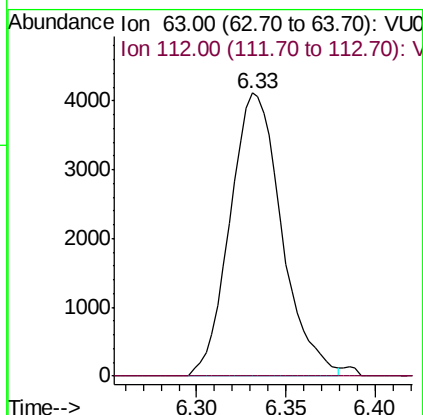
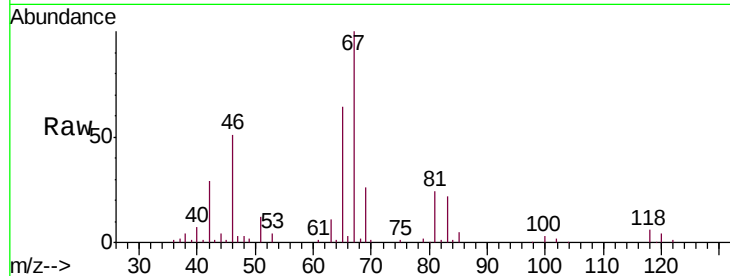




#37
 1,2-Dichloropropane
 Concen: 5.050 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027616.D
 Acq: 12 Oct 2018 10:47

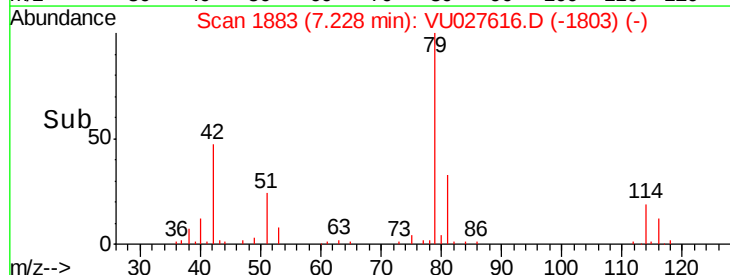
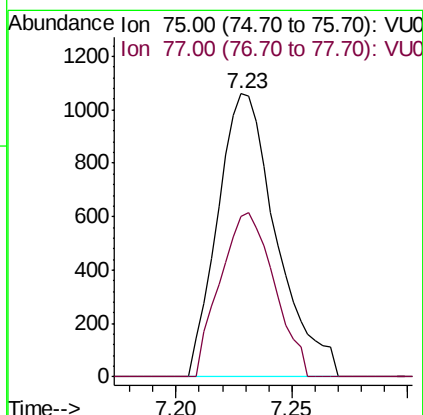
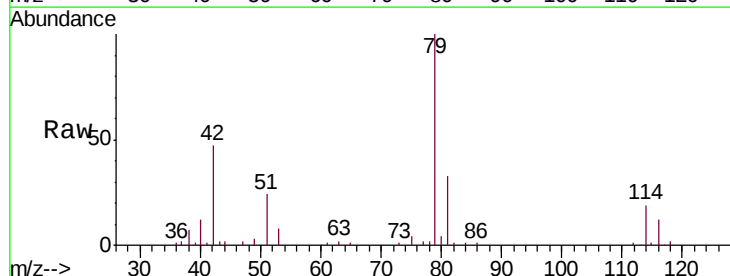
Instrument :
 MSVOA_U
 ClientSampleId :
 C08X7

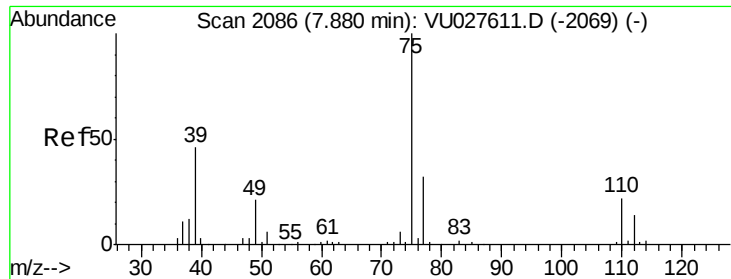
Tgt Ion: 63 Resp: 8303
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027616.D
 Acq: 12 Oct 2018 10:47

Tgt Ion: 75 Resp: 1868
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027616.D

Acq: 12 Oct 2018 10:47

Instrument :

MSVOA_U

ClientSampled :

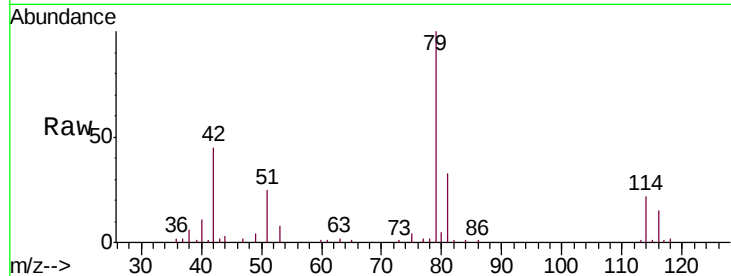
C08X7

Tgt Ion: 75 Resp: 1345

Ion Ratio Lower Upper

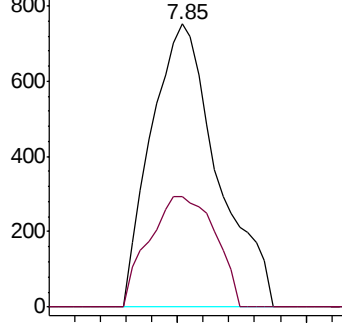
75 100

77 39.1 22.2 41.2

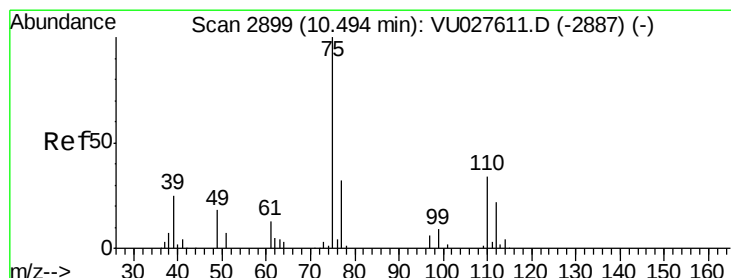
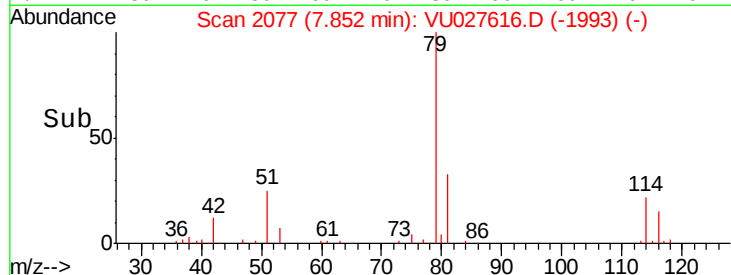


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 5.503 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027616.D

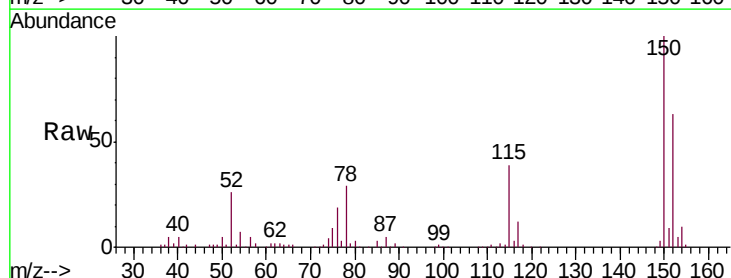
Acq: 12 Oct 2018 10:47

Tgt Ion: 75 Resp: 10242

Ion Ratio Lower Upper

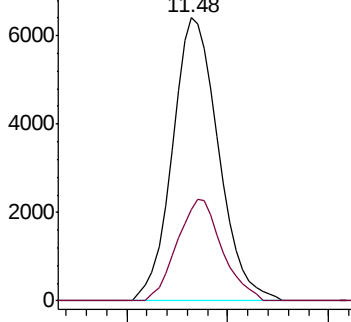
75 100

77 35.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

