

Data File : VU029215.D
Acq On : 18 Jan 2019 10:32
Operator : JC/SP
Sample : VU0118WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Quant Time: Jan 18 23:09:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 18 23:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	119829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	117297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36114	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.68	69	30993	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.27	63	51111	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.22	46	105786	63.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.24%
24) Chloroform-d	4.65	84	71584	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.31	65	36676	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.34	84	148422	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.33	67	49998	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.56	98	126696	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.85	79	18474	5.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.20%
46) 2-Hexanone-d5	8.31	63	90388	60.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39058	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	45813	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

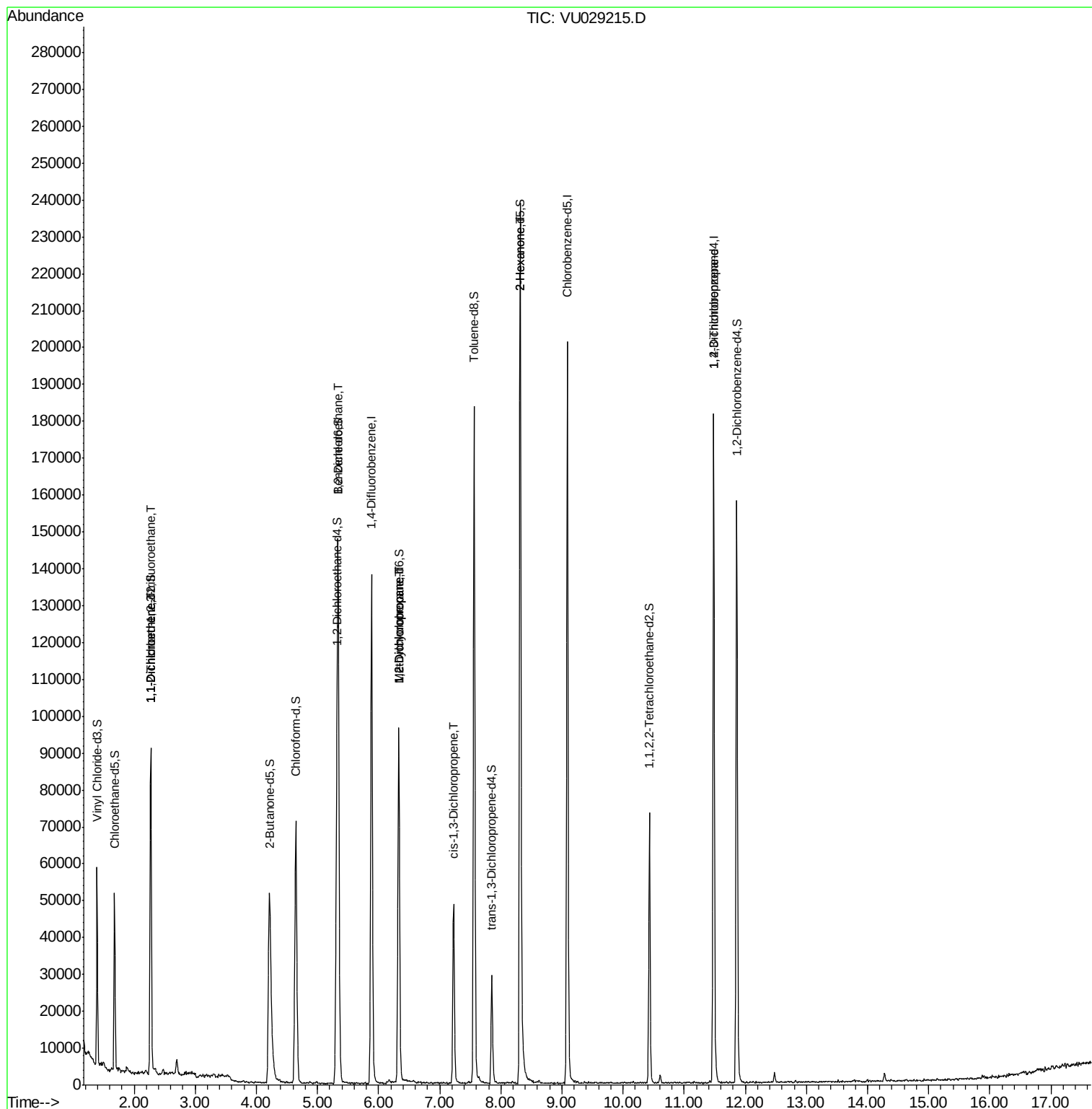
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	466	0.053	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	549	0.064	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	699	0.078	ug/L #	73
35) Methylcyclohexane	6.33	83	10830	0.657	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4998	0.523	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1045	0.076	ug/L #	65
48) 2-Hexanone	8.31	43	9591	2.727	ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	6771	1.216	ug/L	96

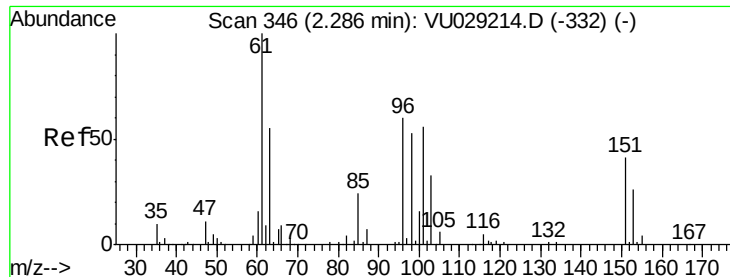
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 18 23:01:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.053 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK50

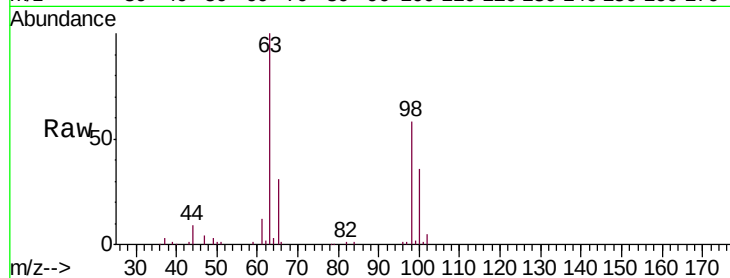
Tgt Ion: 101 Resp: 466

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

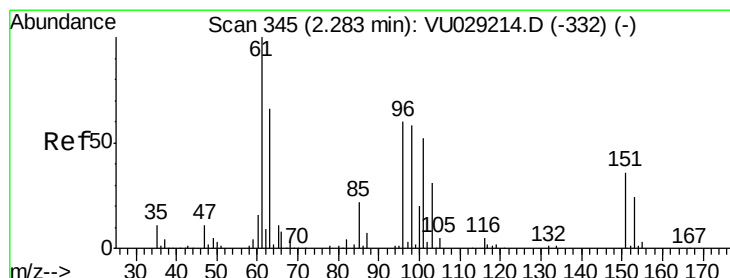
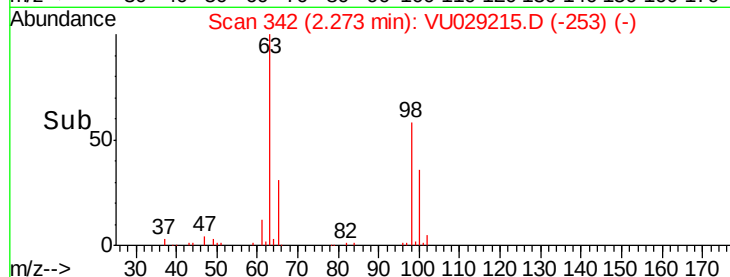
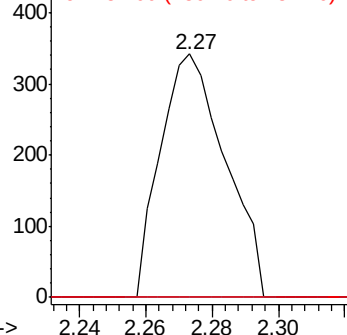
151 0.0 60.9 91.3#



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: 0.064 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029215.D

Acq: 18 Jan 2019 10:32

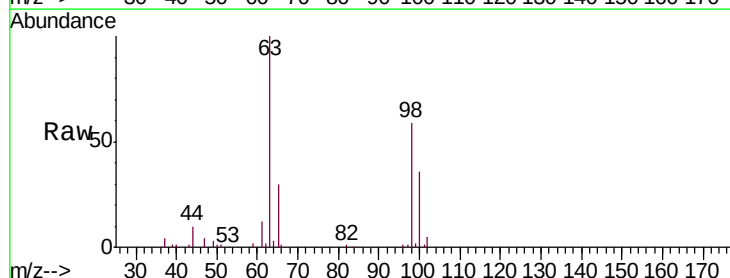
Tgt Ion: 96 Resp: 549

Ion Ratio Lower Upper

96 100

61 965.1 110.5 205.3#

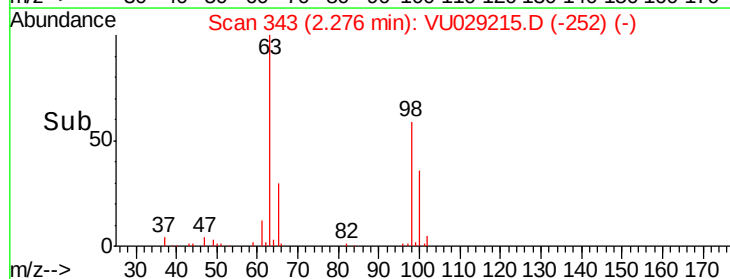
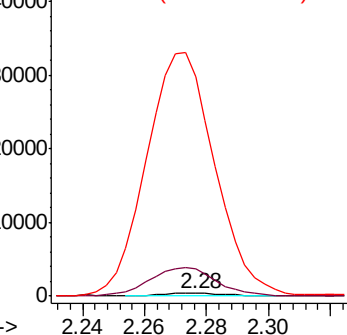
63 7858.2 67.6 125.6#

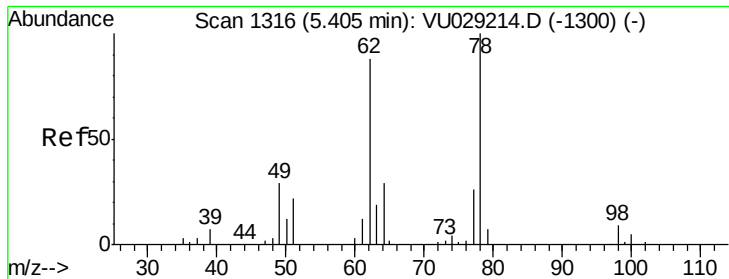


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#27

1,2-Dichloroethane

Concen: 0.078 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

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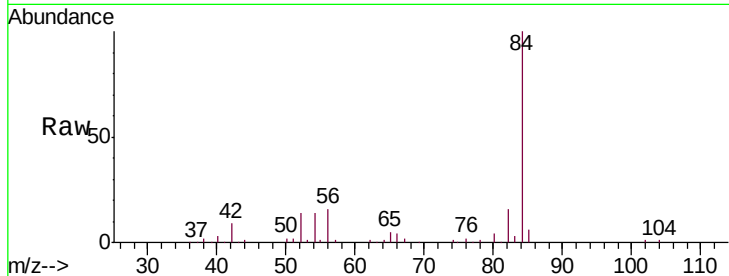
VBLK50

Tgt Ion: 62 Resp: 699

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.34

400

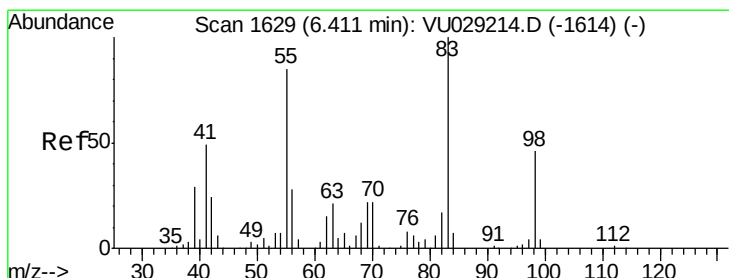
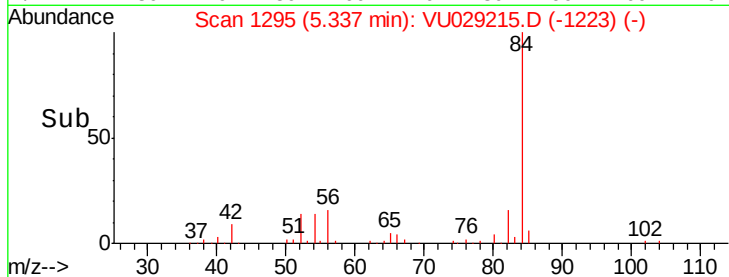
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU029215.D

Acq: 18 Jan 2019 10:32

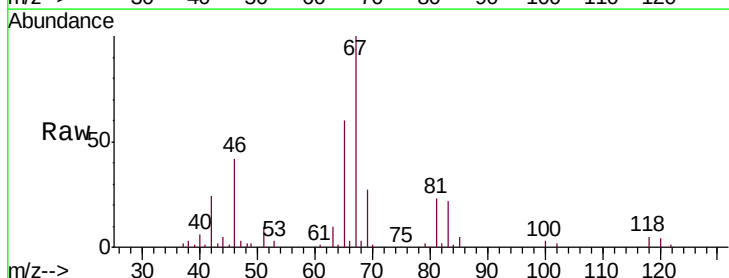
Tgt Ion: 83 Resp: 10830

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 0.6 37.0 55.6#



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

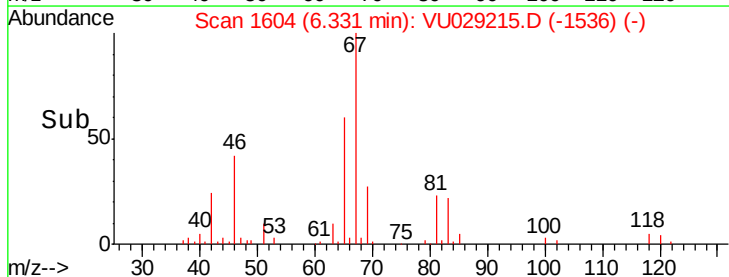
6000

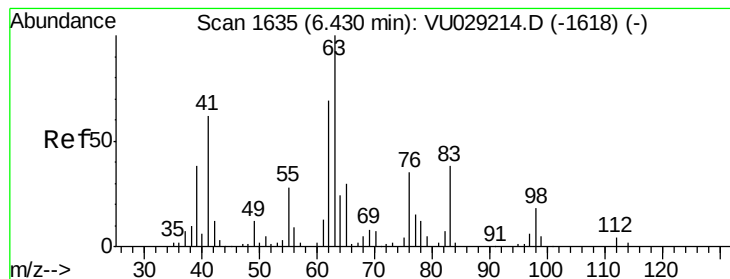
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU029215.D

Acq: 18 Jan 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

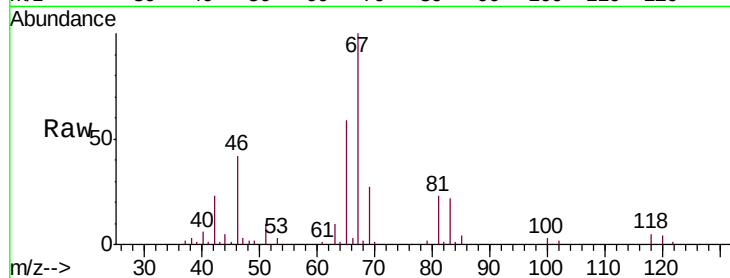
VBLK50

Tgt Ion: 63 Resp: 4998

Ion Ratio Lower Upper

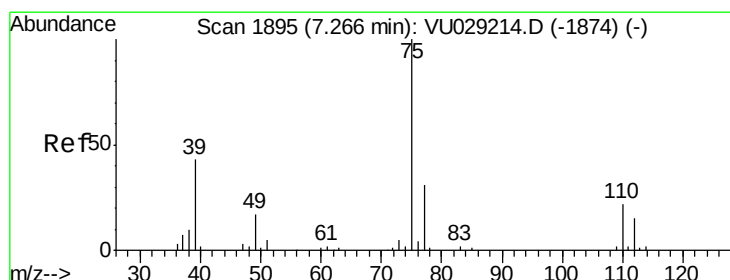
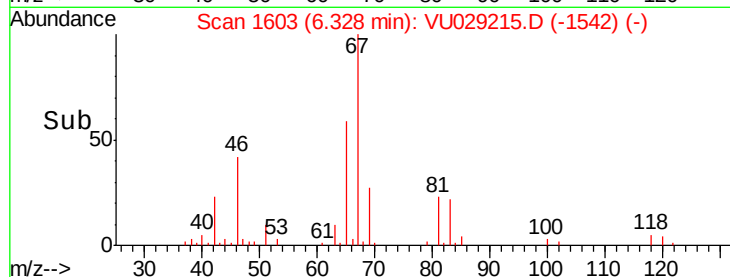
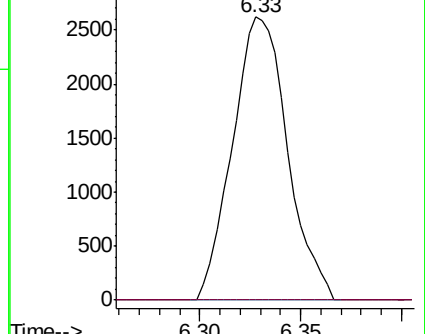
63 100

112 0.0 3.0 4.4#



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: 0.076 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU029215.D

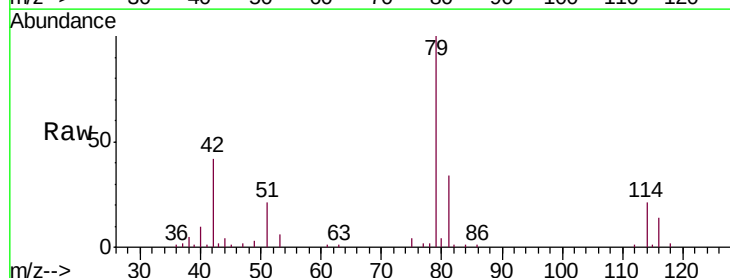
Acq: 18 Jan 2019 10:32

Tgt Ion: 75 Resp: 1045

Ion Ratio Lower Upper

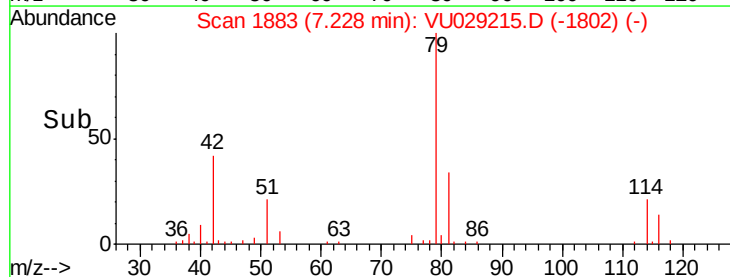
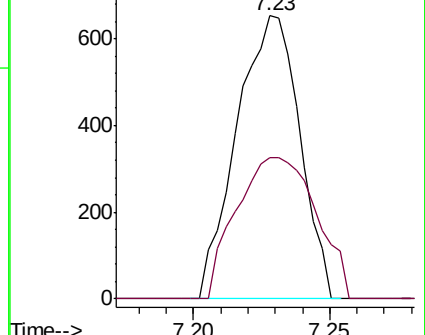
75 100

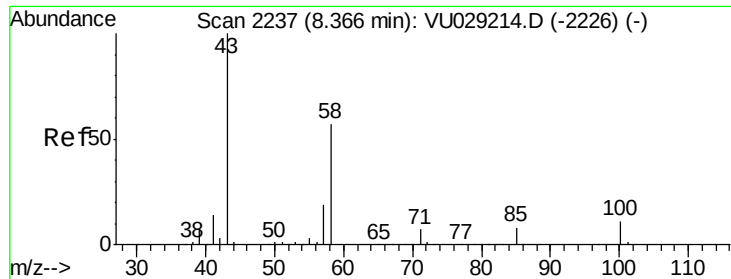
77 49.9 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

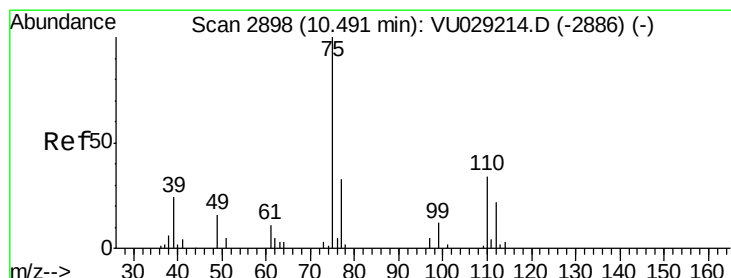
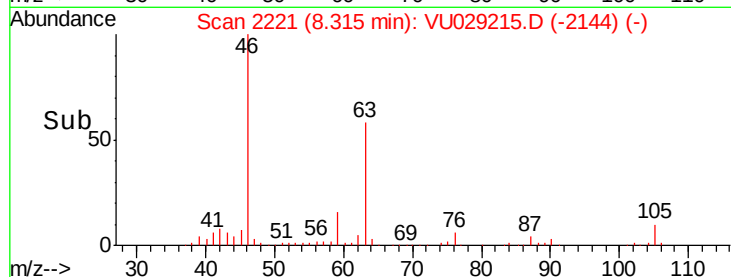
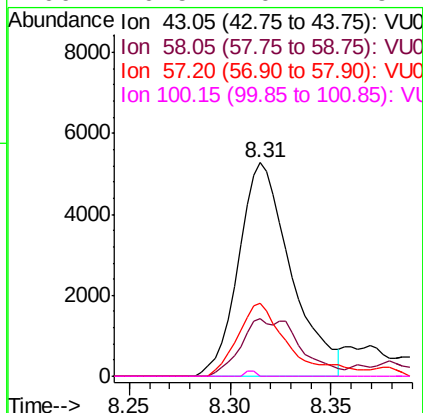
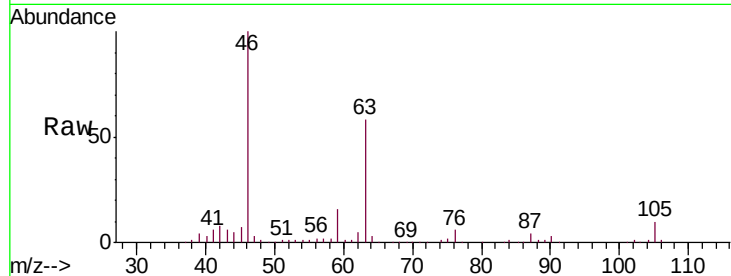




#48
 2-Hexanone
 Concen: 2.727 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU029215.D
 Acq: 18 Jan 2019 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK50

Tgt Ion: 43 Resp: 9591
 Ion Ratio Lower Upper
 43 100
 58 16.7 48.8 73.2#
 57 33.1 16.0 24.0#
 100 0.5 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.216 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029215.D
 Acq: 18 Jan 2019 10:32

Tgt Ion: 75 Resp: 6771
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.0 39.0

