

Data File : VU029135.D
Acq On : 11 Jan 2019 11:32
Operator : MD/SY
Sample : K1107-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 11 22:13:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 11 22:10:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	125125	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39746	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.68	69	34328	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.27	63	54505	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.21	46	108315	61.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.78%
24) Chloroform-d	4.65	84	74647	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.31	65	38506	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.34	84	153523	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.33	67	52660	5.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.20%
41) Toluene-d8	7.56	98	137400	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.85	79	19169	5.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.40%
46) 2-Hexanone-d5	8.31	63	93514	60.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41049	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	48615	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

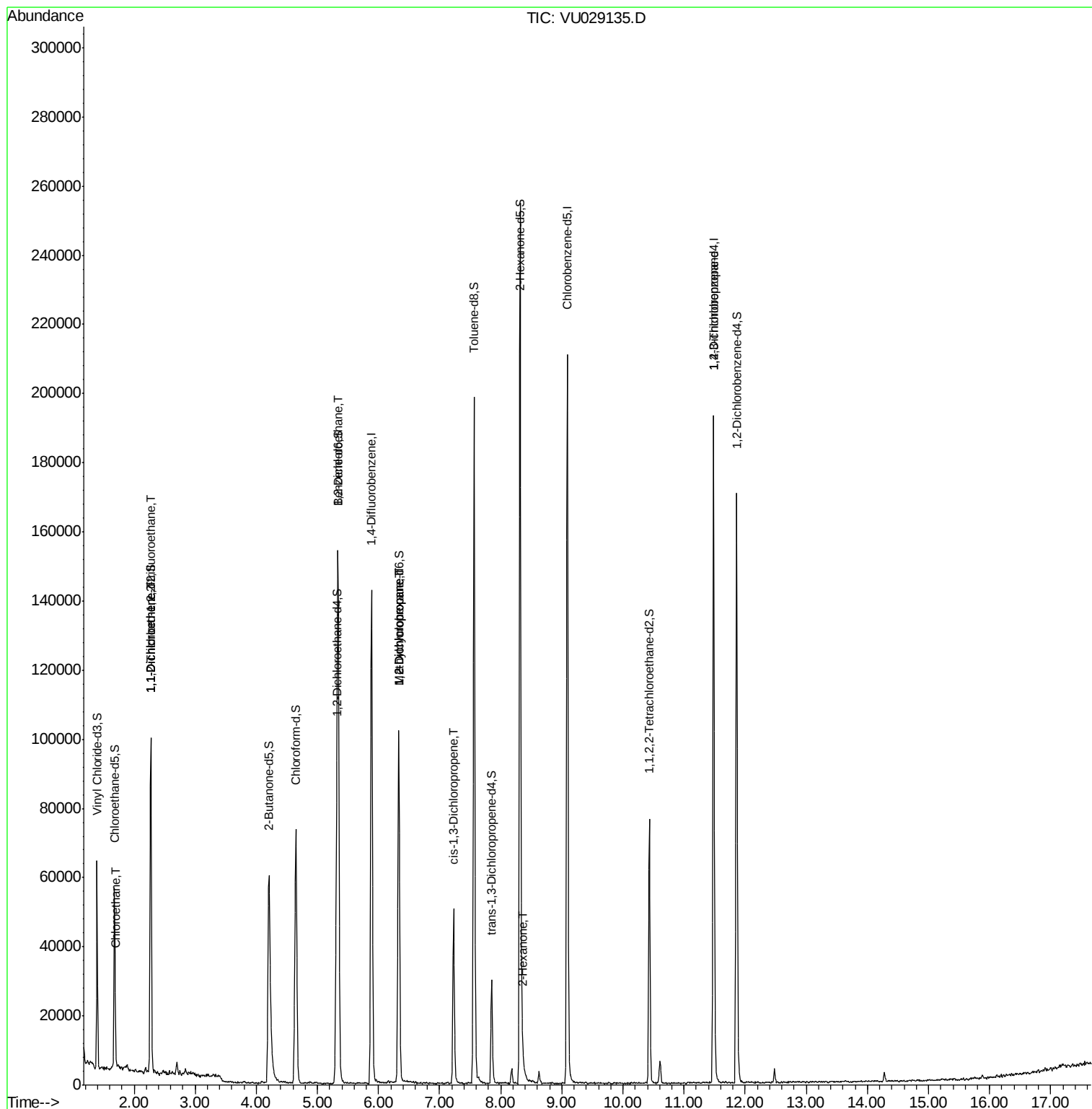
					Qvalue
8) Chloroethane	1.70	64	620	0.087 ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	378	0.041 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	595	0.066 ug/L #	1
27) 1,2-Dichloroethane	5.33	62	704	0.075 ug/L #	73
35) Methylcyclohexane	6.33	83	11168	0.661 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4948	0.505 ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	1178	0.084 ug/L	86
48) 2-Hexanone	8.36	43	978	0.271 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	6485	1.135 ug/L	97

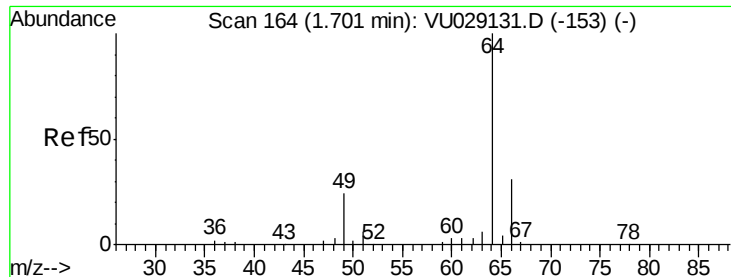
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU029135.D

Acq: 11 Jan 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

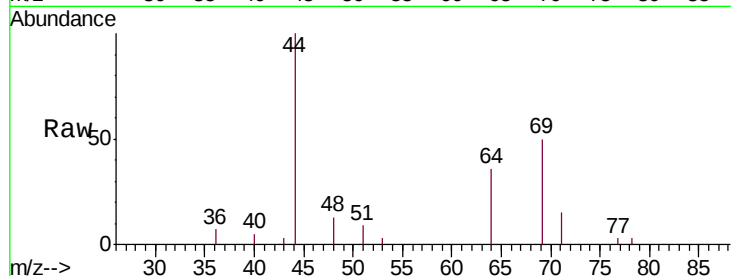
VHBLK01

Tgt Ion: 64 Resp: 620

Ion Ratio Lower Upper

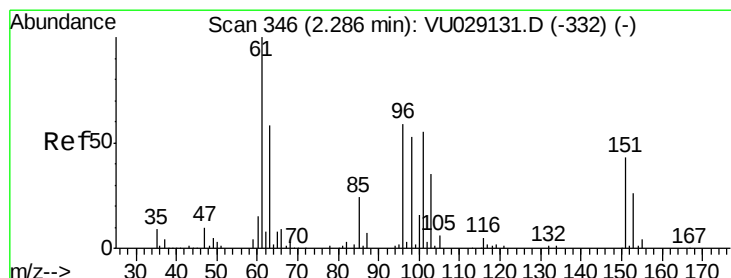
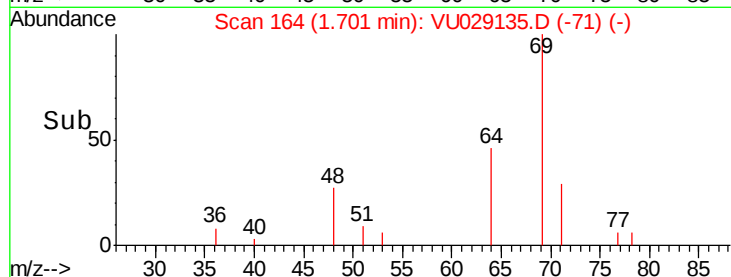
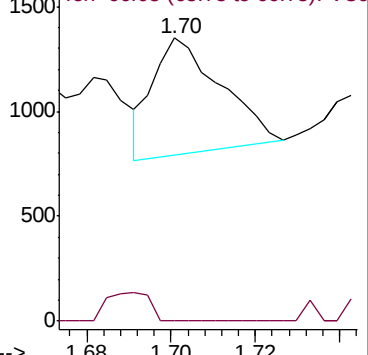
64 100

66 0.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#10

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

Concen: 0.041 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU029135.D

Acq: 11 Jan 2019 11:32

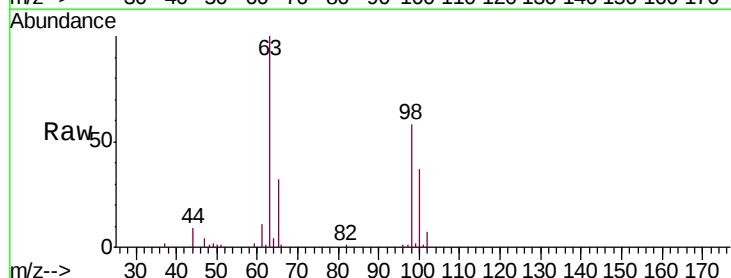
Tgt Ion: 101 Resp: 378

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

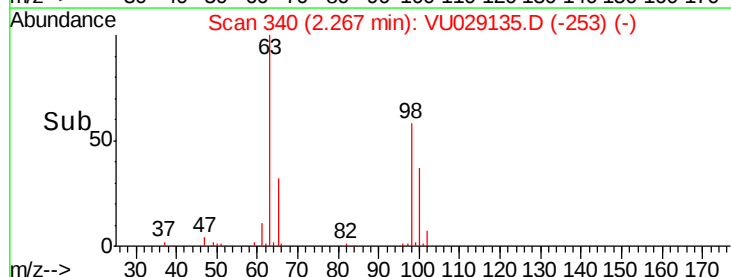
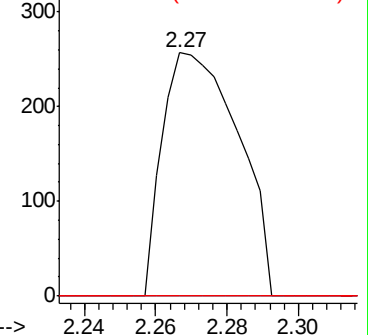
151 0.0 60.9 91.3#

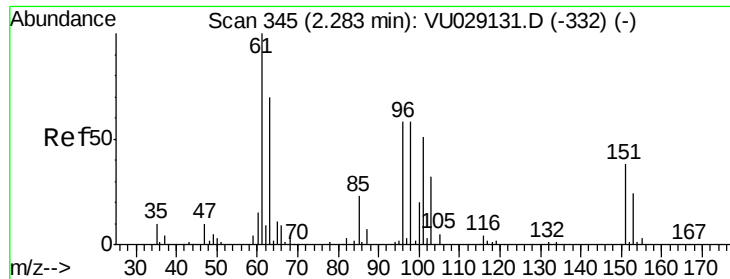


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029135.D

Acq: 11 Jan 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

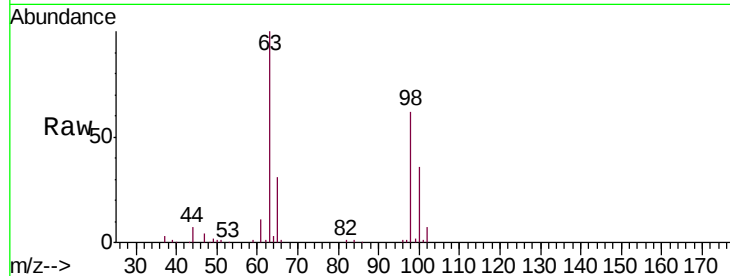
Tgt Ion: 96 Resp: 595

Ion Ratio Lower Upper

96 100

61 1037.5 110.5 205.3#

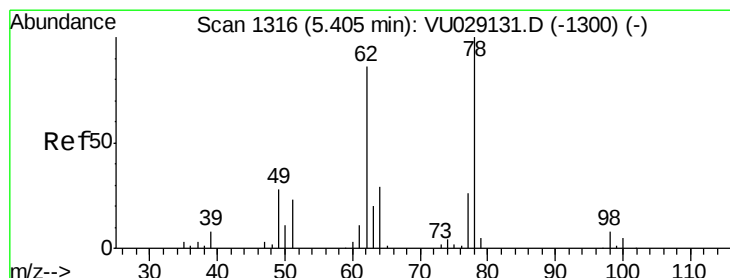
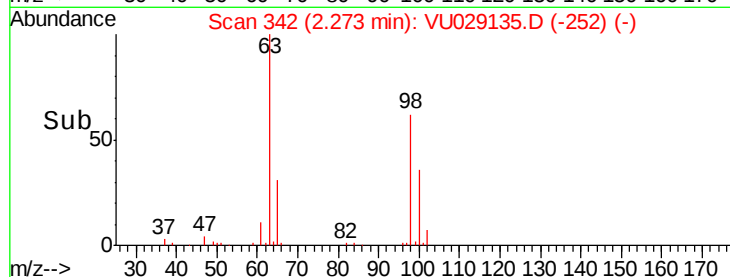
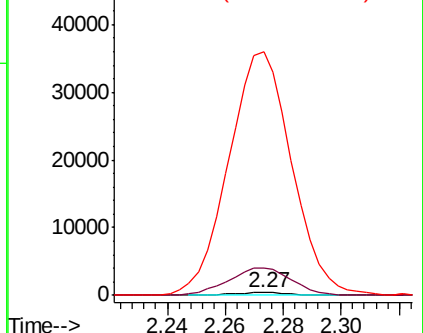
63 9248.3 67.6 125.6#



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: 0.075 ug/L

RT: 5.33 min Scan# 1293

Delta R.T. -0.07 min

Lab File: VU029135.D

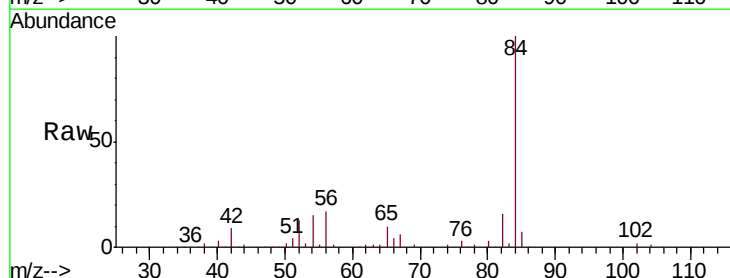
Acq: 11 Jan 2019 11:32

Tgt Ion: 62 Resp: 704

Ion Ratio Lower Upper

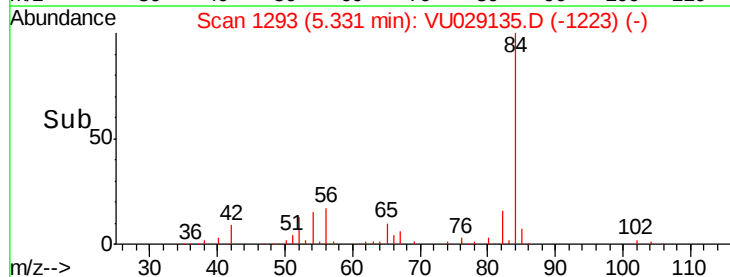
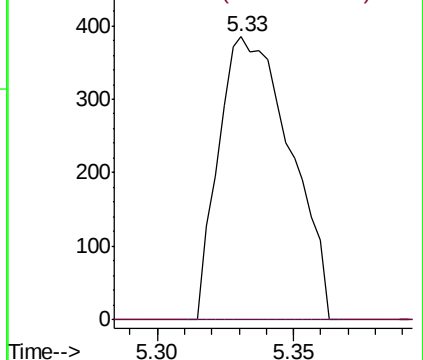
62 100

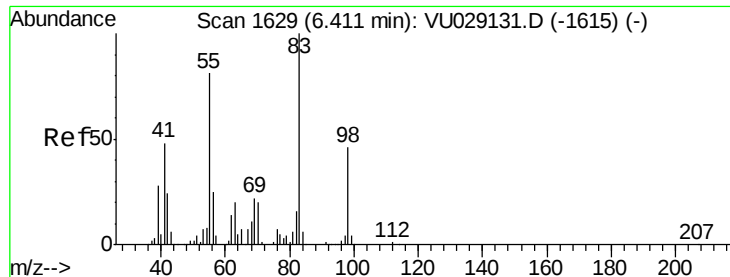
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU029135.D

Acq: 11 Jan 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

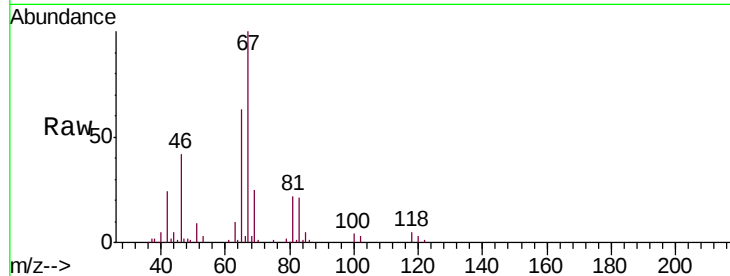
Tgt Ion: 83 Resp: 11168

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

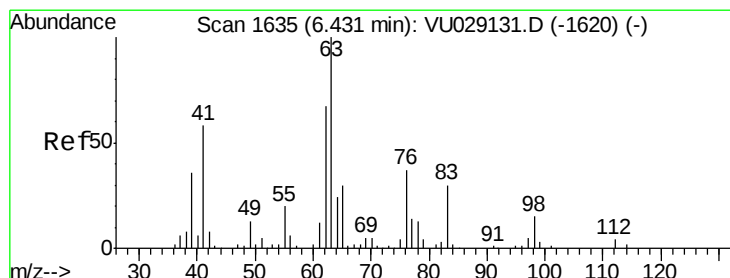
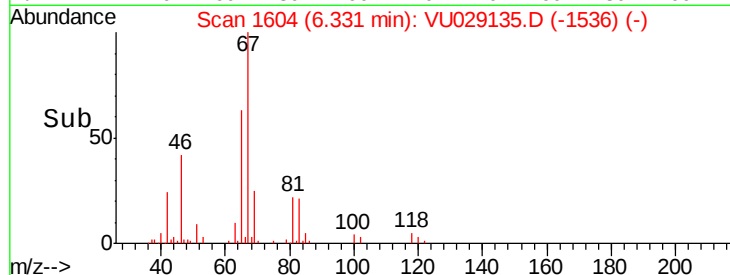
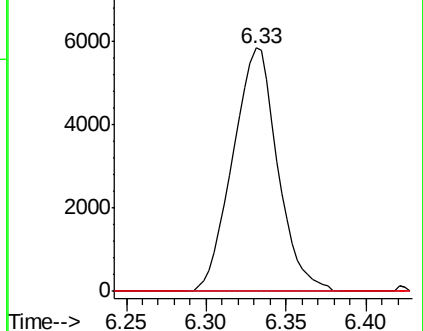
98 0.0 37.0 55.6#



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



#37

1,2-Dichloropropane

Concen: 0.505 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU029135.D

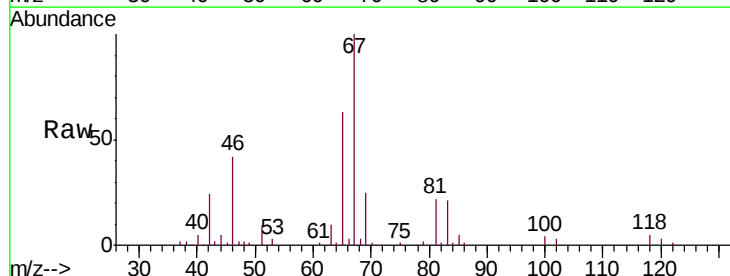
Acq: 11 Jan 2019 11:32

Tgt Ion: 63 Resp: 4948

Ion Ratio Lower Upper

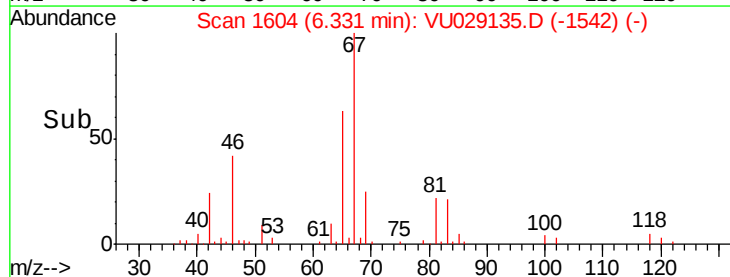
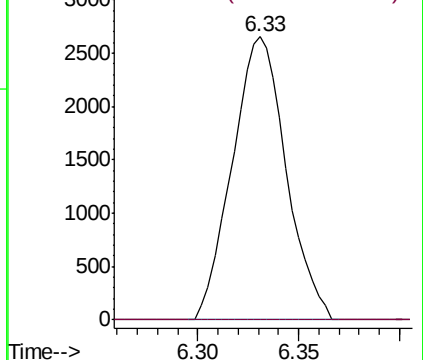
63 100

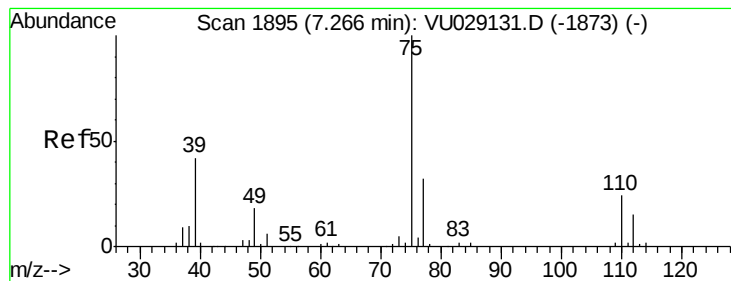
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



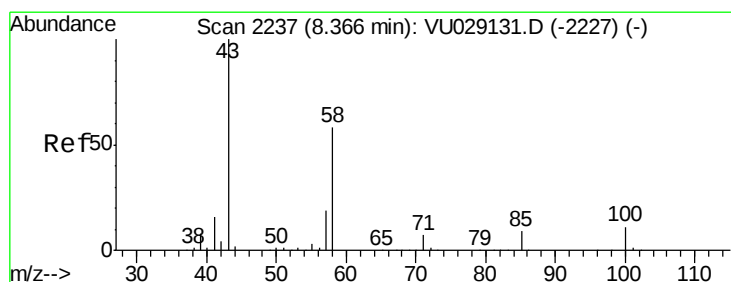
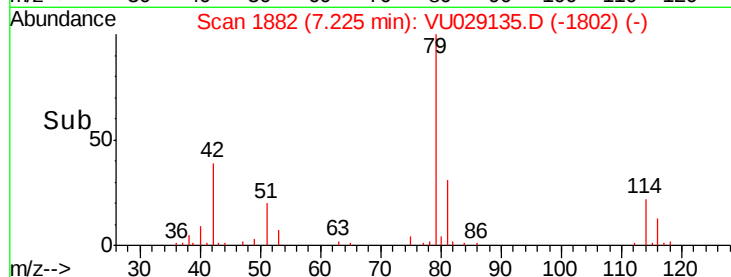
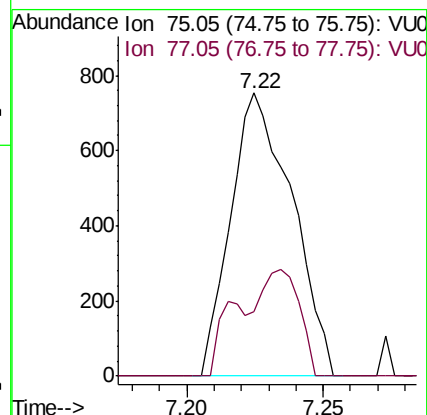
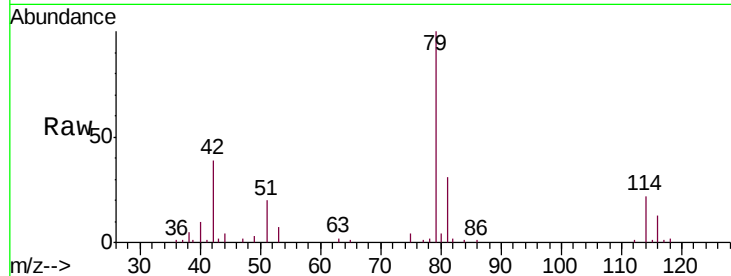


#39

cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029135.D
 Acq: 11 Jan 2019 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

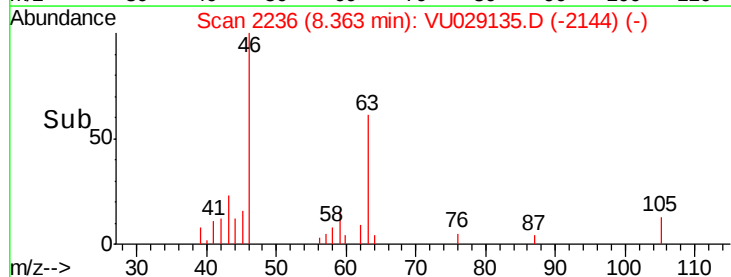
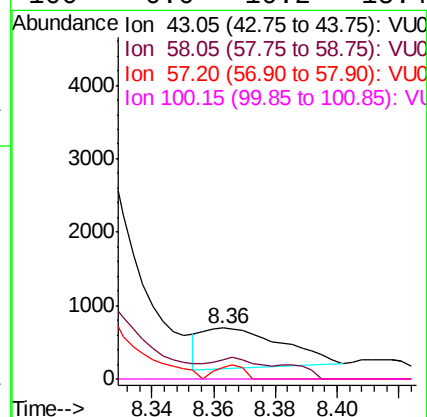
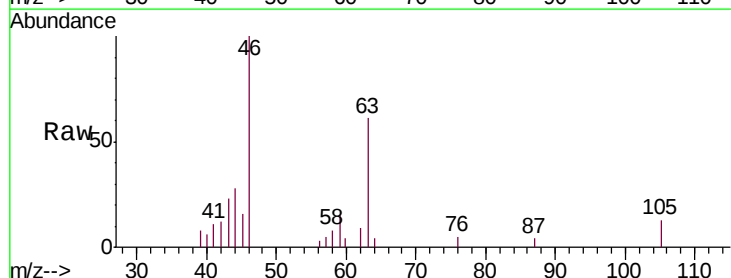
Tgt Ion: 75 Resp: 1178
 Ion Ratio Lower Upper
 75 100
 77 22.8 21.5 39.9

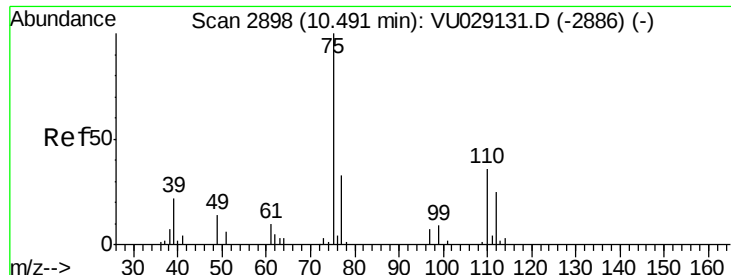


#48

2-Hexanone
 Concen: 0.271 ug/L
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU029135.D
 Acq: 11 Jan 2019 11:32

Tgt Ion: 43 Resp: 978
 Ion Ratio Lower Upper
 43 100
 58 45.5 48.8 73.2#
 57 11.9 16.0 24.0#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 1.135 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU029135.D

Acq: 11 Jan 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 6485

Ion Ratio Lower Upper

75 100

77 33.9 26.0 39.0

