

Data File : VU029139.D
Acq On : 11 Jan 2019 13:54
Operator : MD/SY
Sample : K1110-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 11 22:14:32 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	5.88	114	115727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	118592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38451	6.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.20%
7) Chloroethane-d5	1.68	69	32994	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.27	63	54428	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.20	46	102500	63.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.64%
24) Chloroform-d	4.65	84	71879	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.40%
26) 1,2-Dichloroethane-d4	5.31	65	36209	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.34	84	148242	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.33	67	51338	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.56	98	126655	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	17907	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.31	63	86163	56.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38329	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46350	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

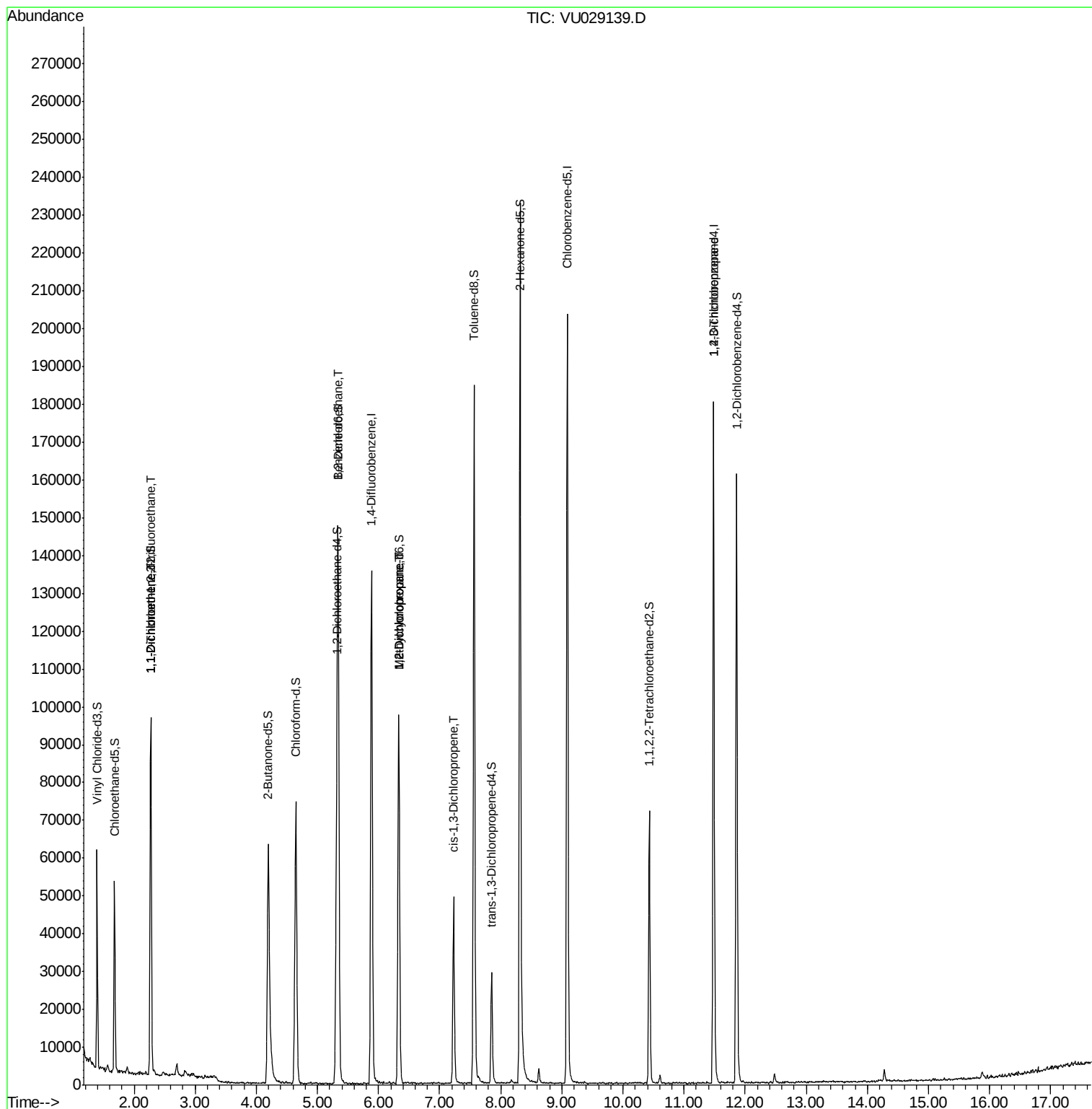
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	542	0.064 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	582	0.070 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	566	0.065 ug/L #	73
35) Methylcyclohexane	6.33	83	11046	0.663 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4731	0.490 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1161	0.084 ug/L	89
59) 1,2,3-Trichloropropene	11.48	75	5942	1.055 ug/L	99

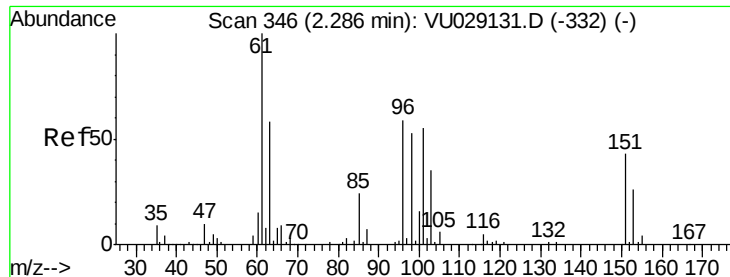
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#10

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

Concen: 0.064 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU029139.D

Acq: 11 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

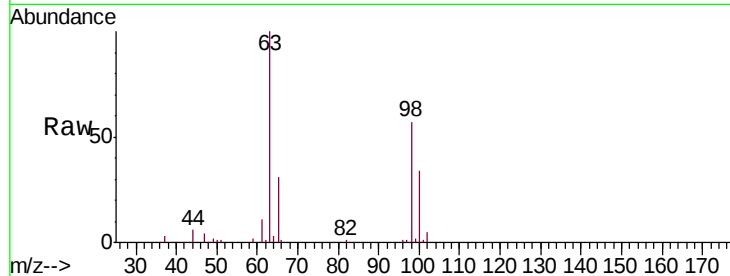
Tgt Ion: 101 Resp: 542

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

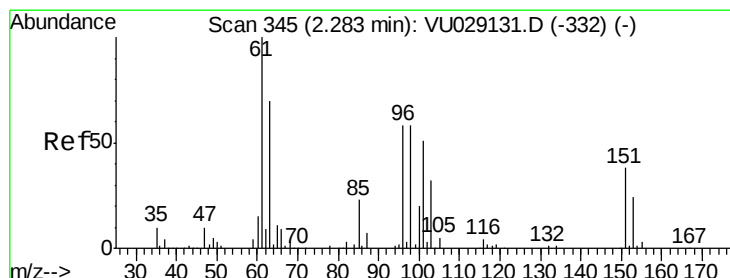
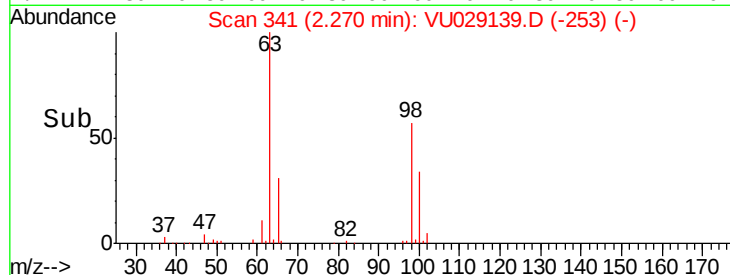
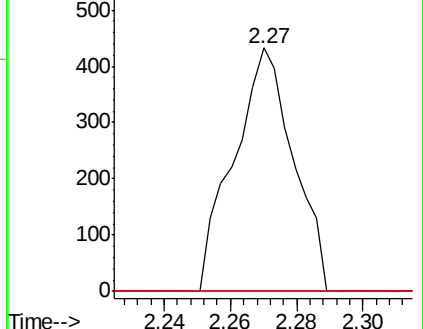
151 0.0 60.9 91.3#



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: 0.070 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029139.D

Acq: 11 Jan 2019 13:54

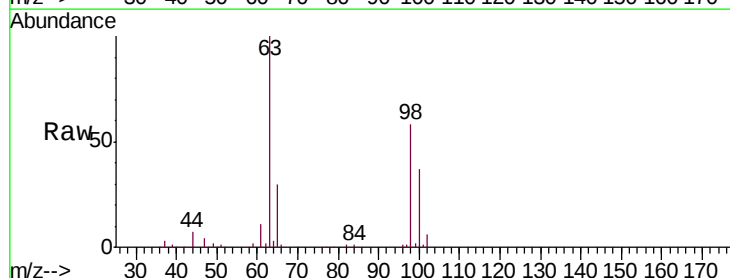
Tgt Ion: 96 Resp: 582

Ion Ratio Lower Upper

96 100

61 975.3 110.5 205.3#

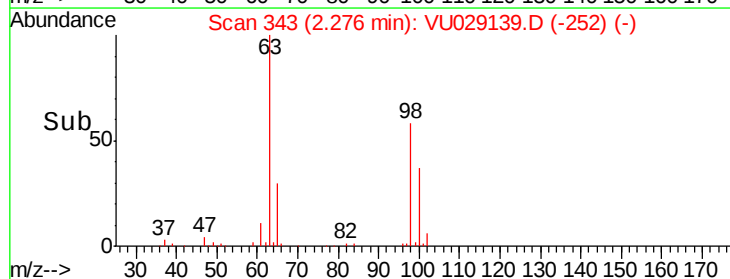
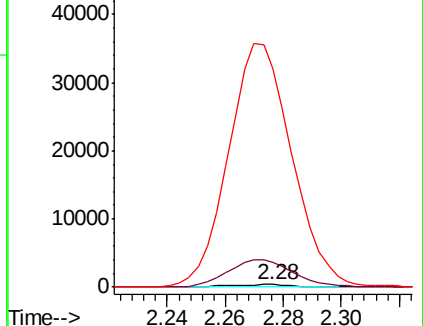
63 8602.2 67.6 125.6#

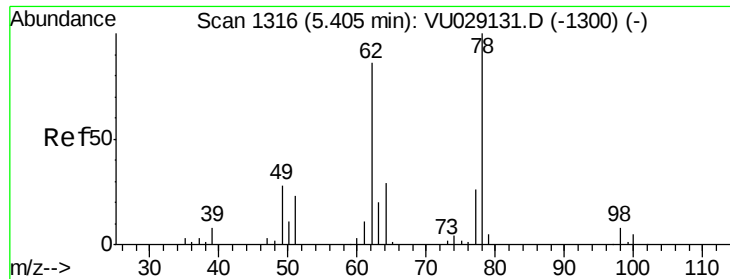


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

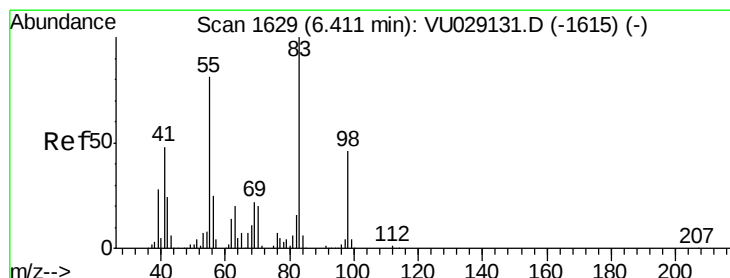
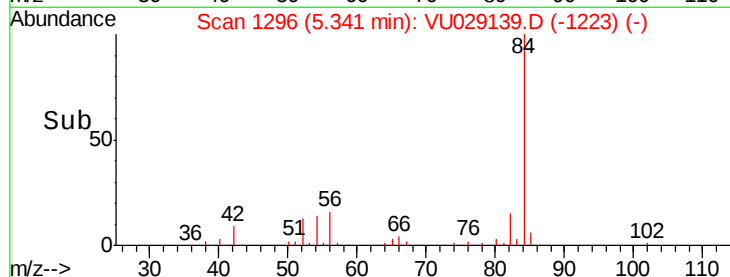
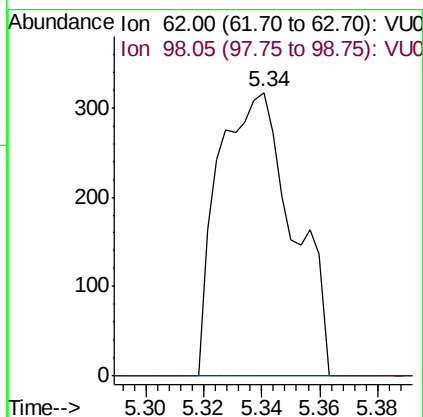
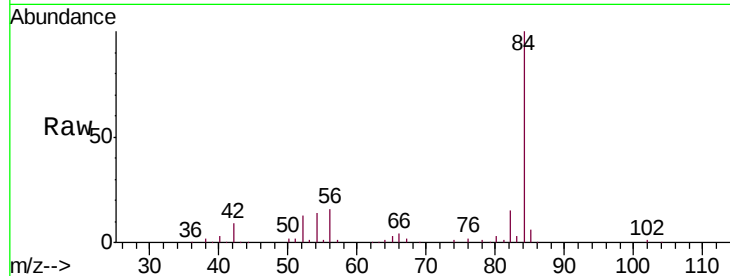




#27
 1,2-Dichloroethane
 Concen: 0.065 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU029139.D
 Acq: 11 Jan 2019 13:54

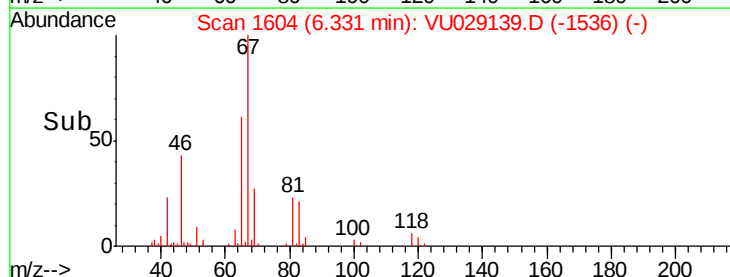
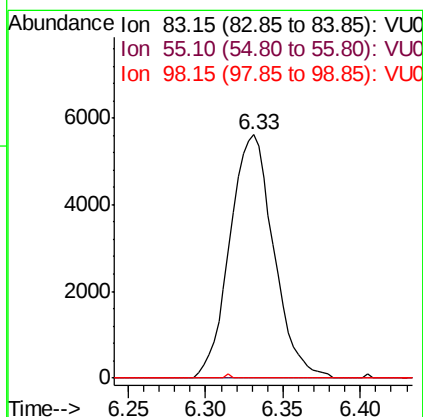
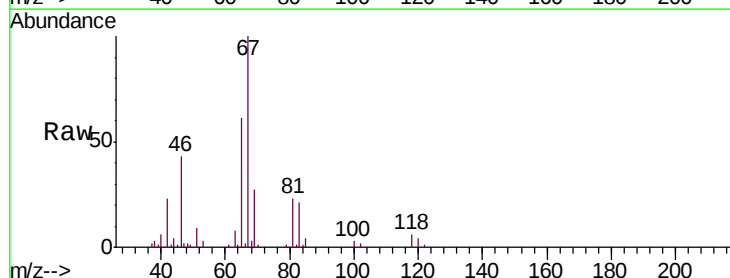
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

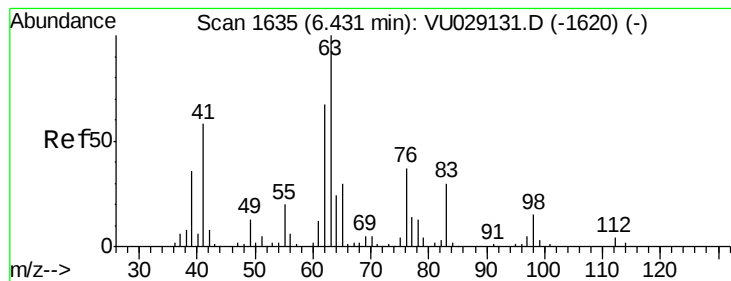
Tgt Ion: 62 Resp: 566
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.663 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU029139.D
 Acq: 11 Jan 2019 13:54

Tgt Ion: 83 Resp: 11046
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.8 89.6#
 98 0.2 37.0 55.6#





#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU029139.D

Acq: 11 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

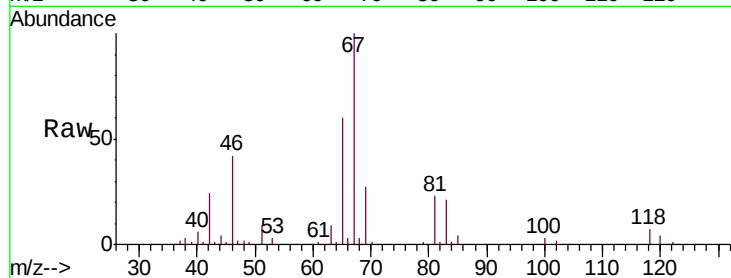
VHBLK01

Tgt Ion: 63 Resp: 4731

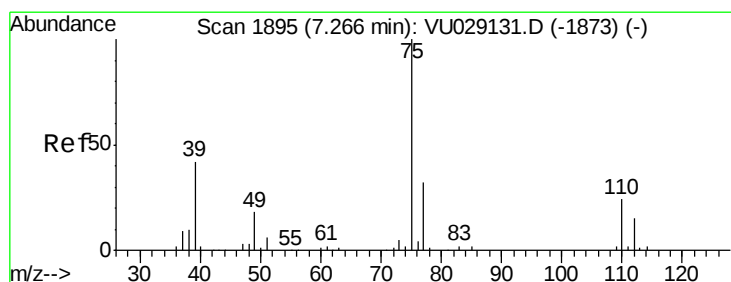
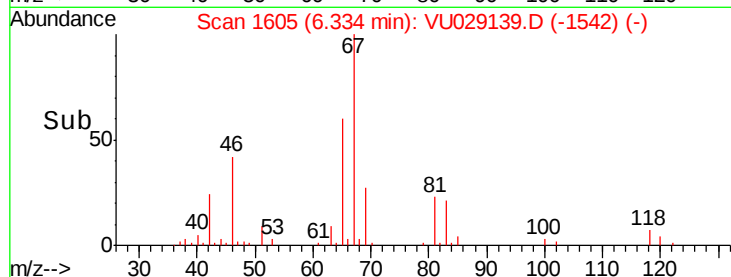
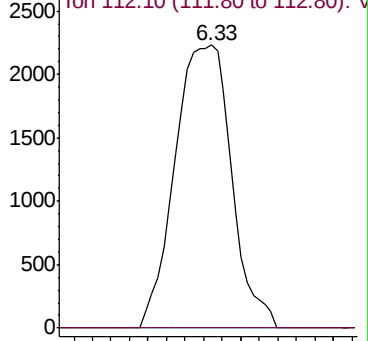
Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU029139.D (-1542) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU029139.D

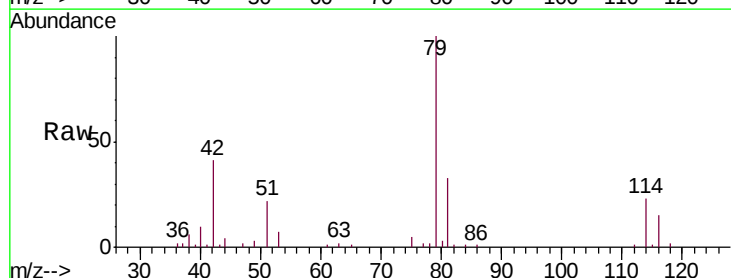
Acq: 11 Jan 2019 13:54

Tgt Ion: 75 Resp: 1161

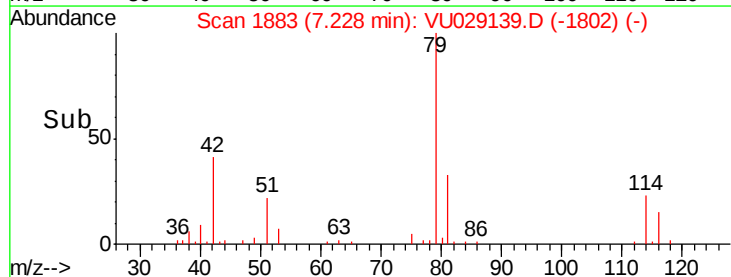
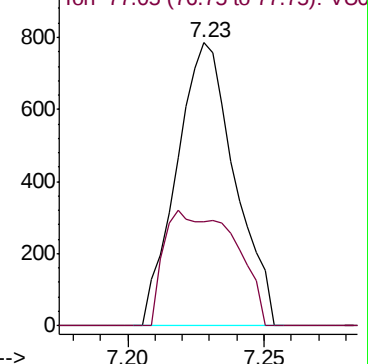
Ion Ratio Lower Upper

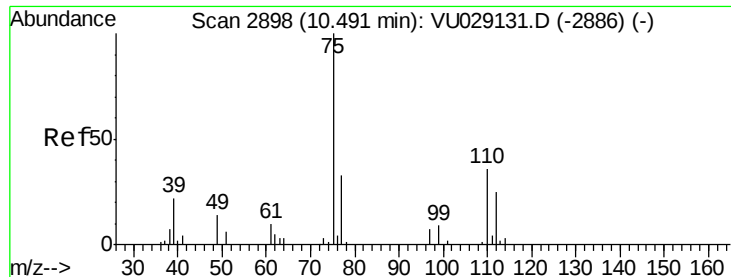
75 100

77 36.9 21.5 39.9



Abundance Ion 75.05 (74.75 to 75.75): VU029139.D (-1802) (-)





#59
 1,2,3-Trichloropropane
 Concen: 1.055 ug/L
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.99 min
 Lab File: VU029139.D
 Acq: 11 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 5942
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.0 39.0

