

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030928.D
 Acq On : 09 Apr 2019 00:36
 Operator : JC/SP
 Sample : K2248-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YC5

Quant Time: Apr 09 01:18:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216269	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	218451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91687	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.68	69	81185	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.27	63	135811	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	292883	68.77	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.54%#
24) Chloroform-d	4.64	84	153708	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.31	65	95521	6.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.40%
32) Benzene-d6	5.33	84	304435	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	106962	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.56	98	239043	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	33381	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.31	63	178197	57.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90639	6.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	84879	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

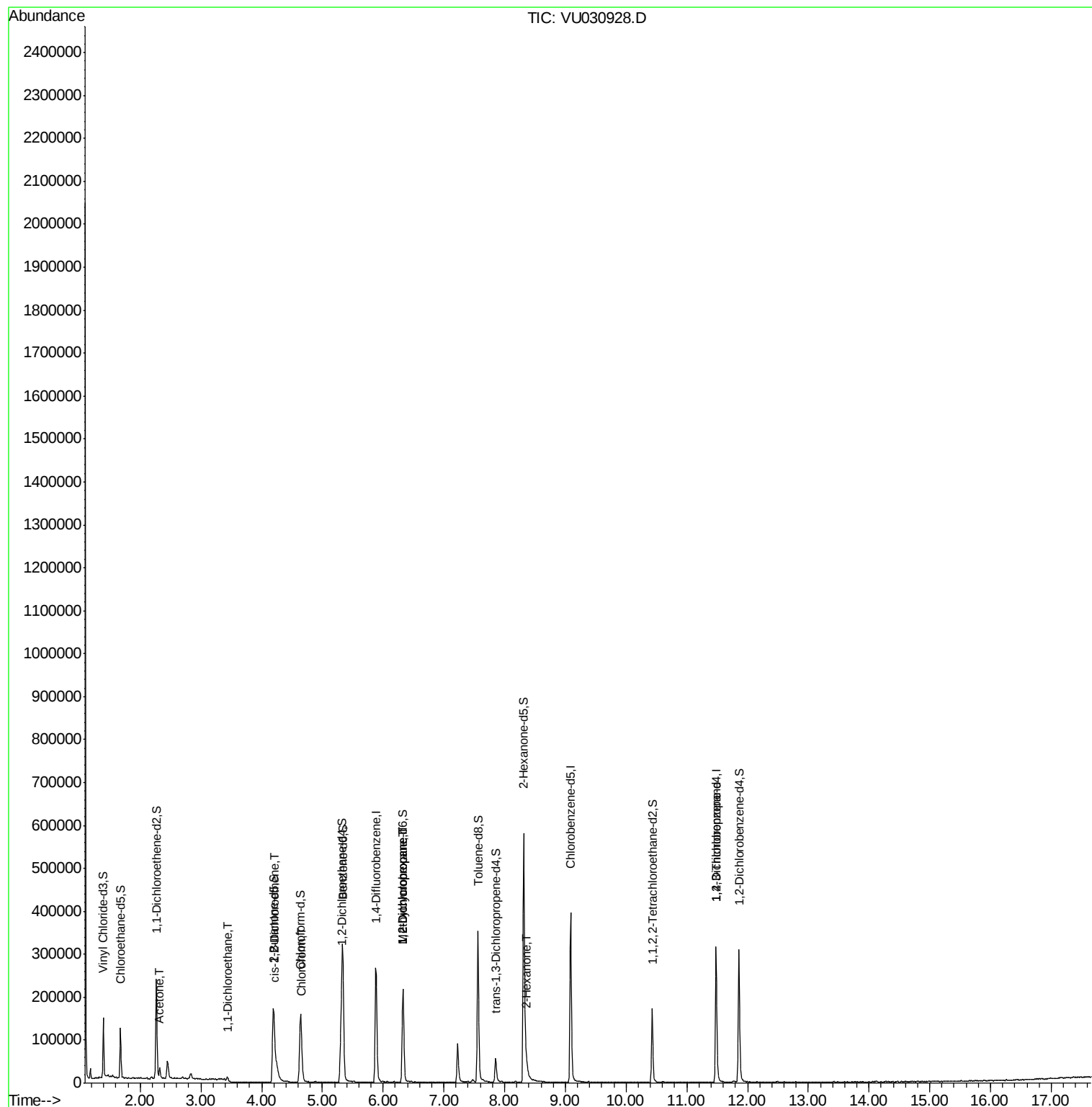
					Ovalue
13) Acetone	2.32	43	24183	7.345	ug/L 96
19) 1,1-Dichloroethane	3.43	63	12438	0.353	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	2061	0.116	ug/L # 62
25) Chloroform	4.67	83	12183	0.379	ug/L 87
35) Methylcyclohexane	6.33	83	22897	0.776	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	11618	0.571	ug/L # 90
48) 2-Hexanone	8.37	43	15525	1.766	ug/L # 78
59) 1,2,3-Trichloropropane	11.48	75	10724	0.944	ug/L # 84

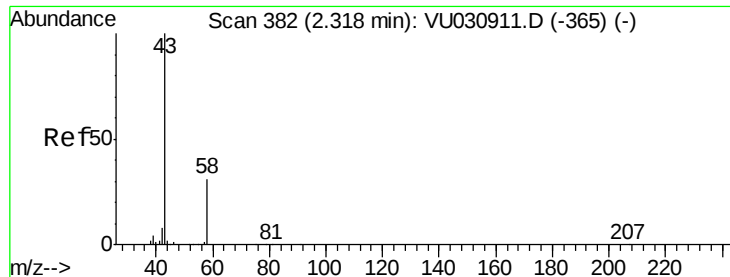
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.345 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030928.D

Acq: 09 Apr 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

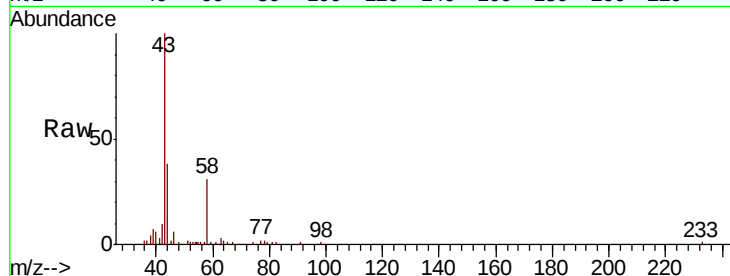
E3YC5

Tot Ion: 43 Resp: 24183

Ion Ratio Lower Upper

43 100

58 33.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030928.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030928.D (-302) (-)

2.32

15000

10000

5000

0

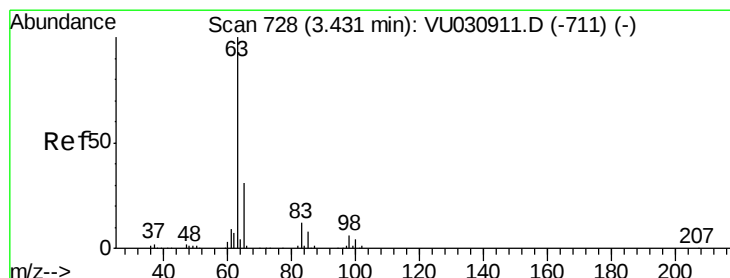
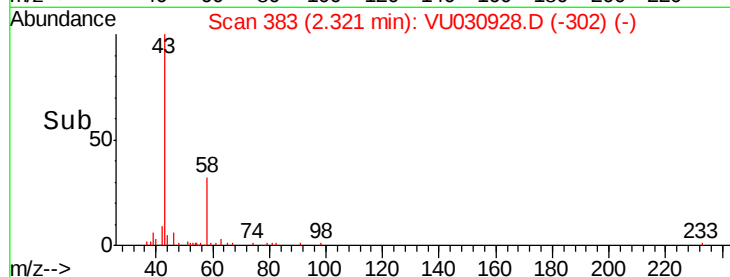
Time-->

2.25

2.30

2.35

2.40



#19

1,1-Dichloroethane

Concen: 0.353 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.01 min

Lab File: VU030928.D

Acq: 09 Apr 2019 00:36

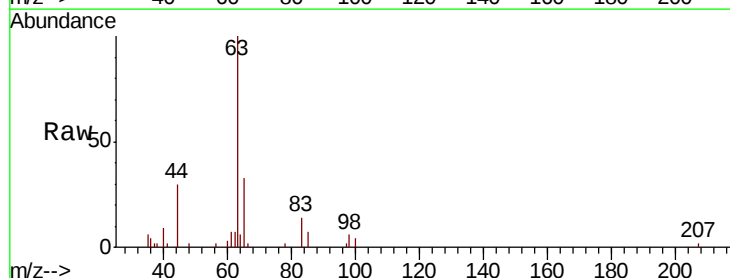
Tgt Ion: 63 Resp: 12438

Ion Ratio Lower Upper

63 100

65 33.0 21.6 40.0

83 13.9 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU030928.D (-638) (-)

Ion 65.10 (64.80 to 65.80): VU030928.D (-638) (-)

Ion 83.05 (82.75 to 83.75): VU030928.D (-638) (-)

3.43

8000

6000

4000

2000

0

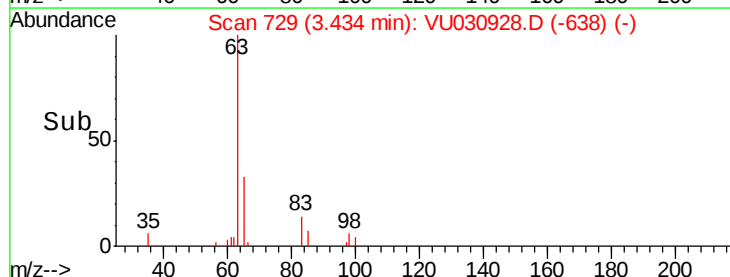
Time-->

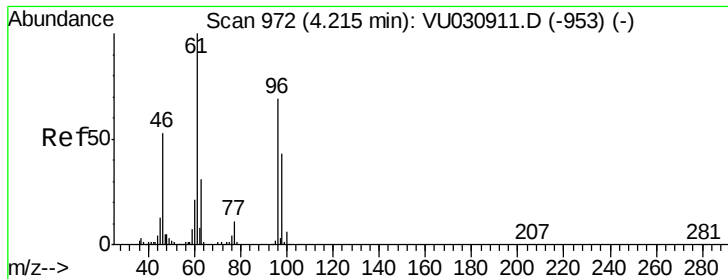
3.35

3.40

3.45

3.50



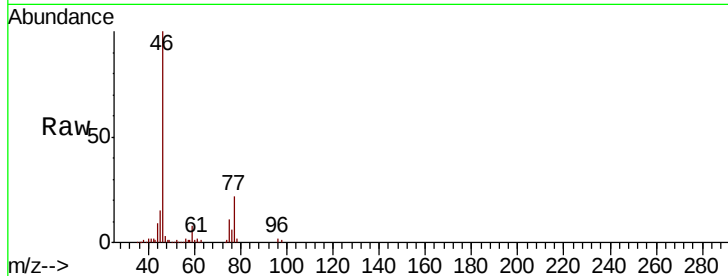


#22

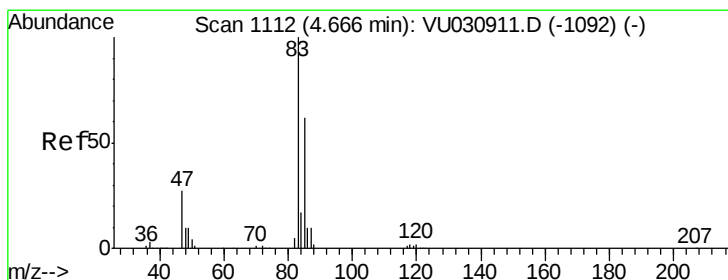
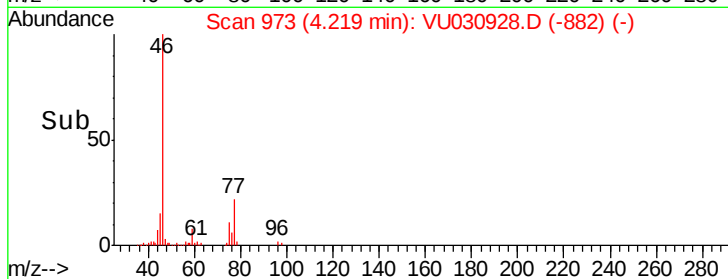
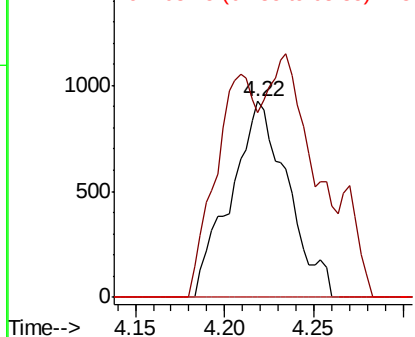
cis-1,2-Dichloroethene
 Concen: 0.116 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: VU030928.D
 Acq: 09 Apr 2019 00:36

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YC5

Tot Ion	Ratio	Lower	Upper
96	100		
61	94.5	98.9	183.7#
68	0.0	0.0	0.0



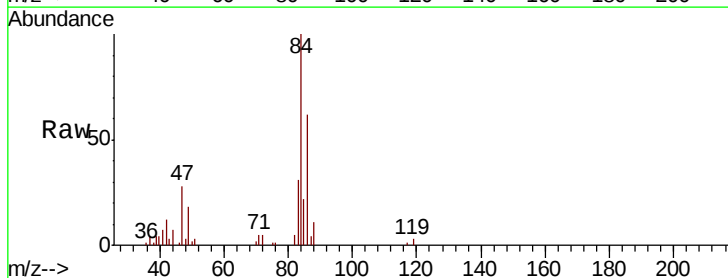
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



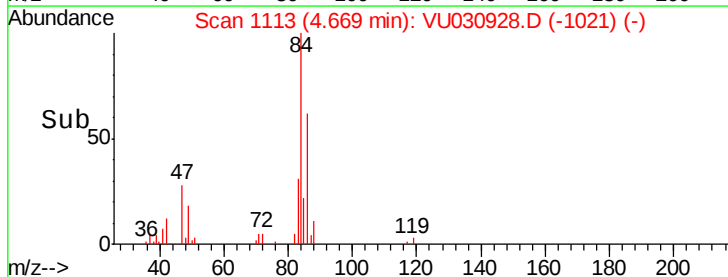
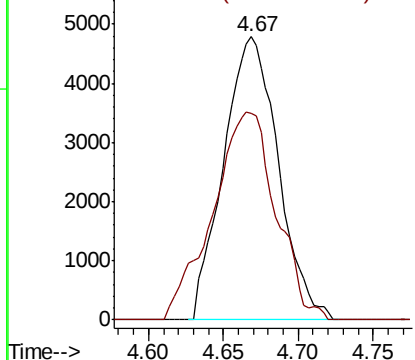
#25

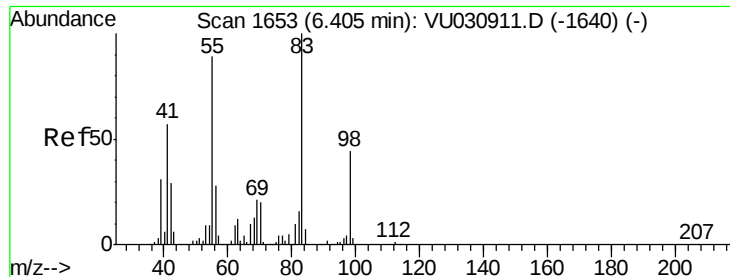
Chloroform
 Concen: 0.379 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VU030928.D
 Acq: 09 Apr 2019 00:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	73.0	44.2	82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#35

Methvlcvclohexane

Concen: 0.776 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030928.D

Acq: 09 Apr 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

E3YC5

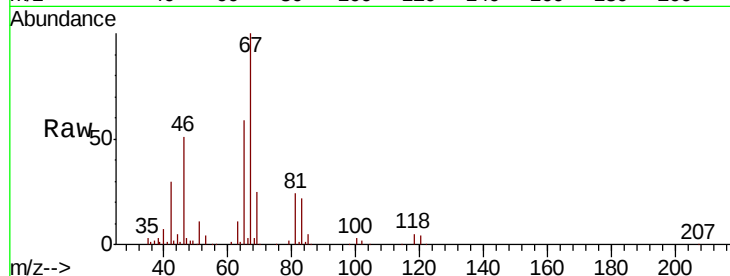
Tot Ion: 83 Resp: 22897

Ion Ratio Lower Upper

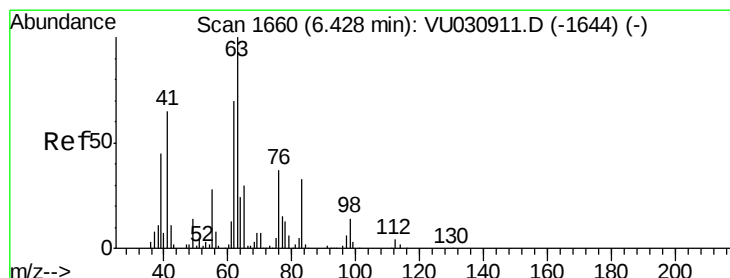
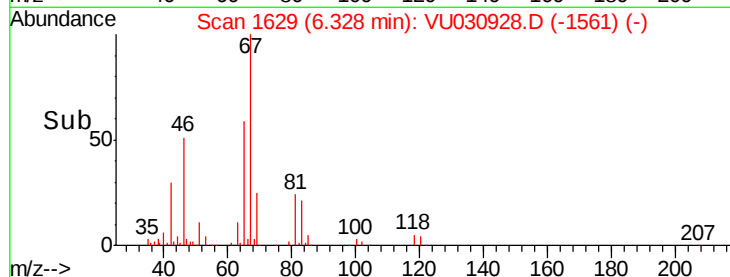
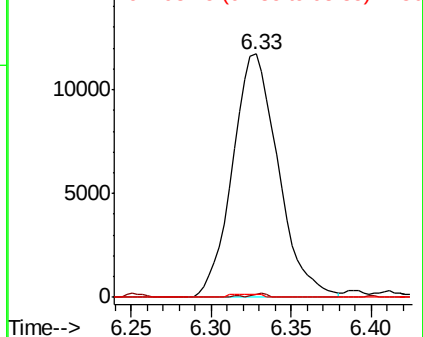
83 100

55 0.5 72.6 108.8#

98 0.0 35.0 52.6#



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: 0.571 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030928.D

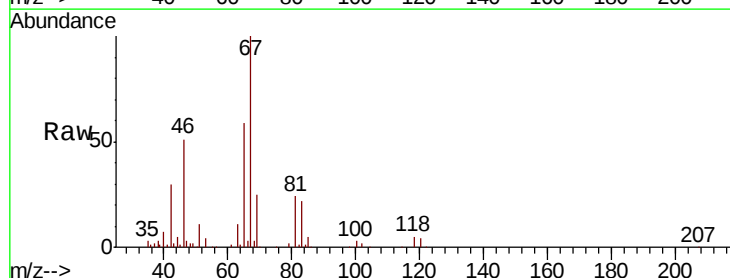
Acq: 09 Apr 2019 00:36

Tgt Ion: 63 Resp: 11618

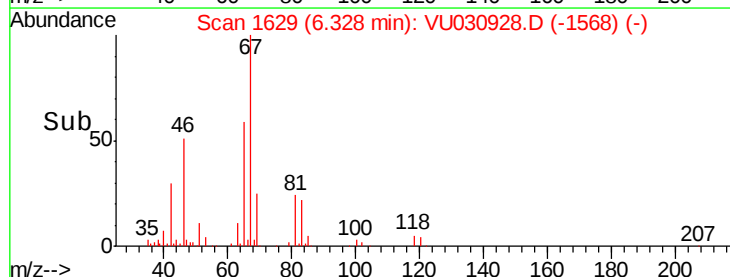
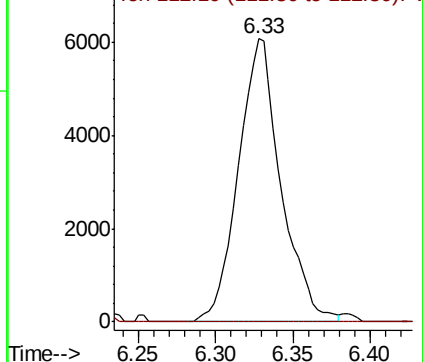
Ion Ratio Lower Upper

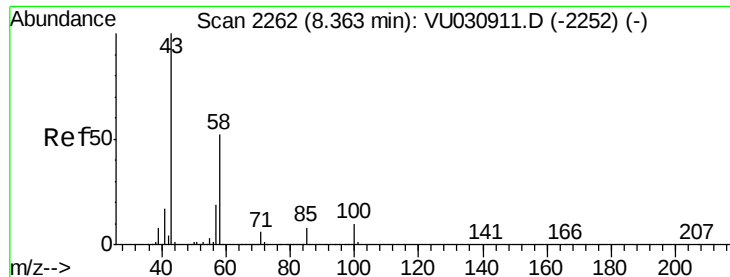
63 100

112 0.2 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

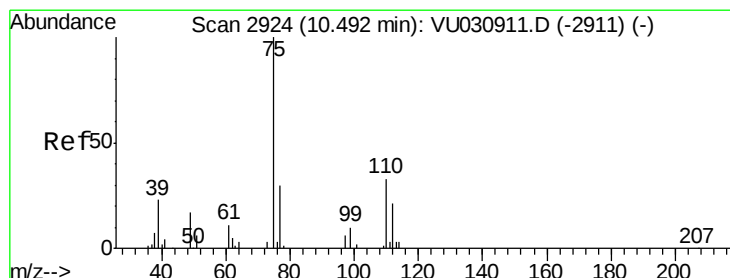
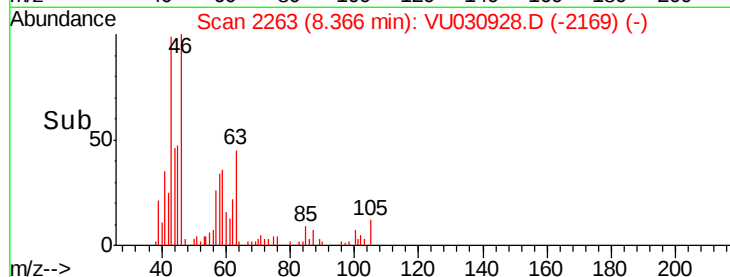
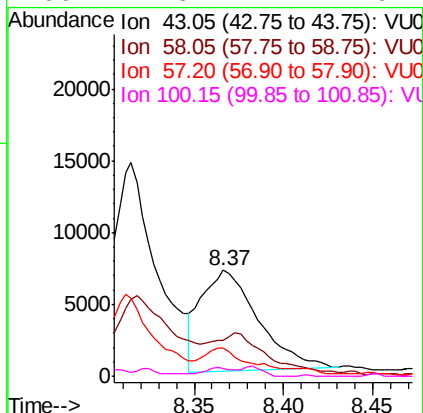
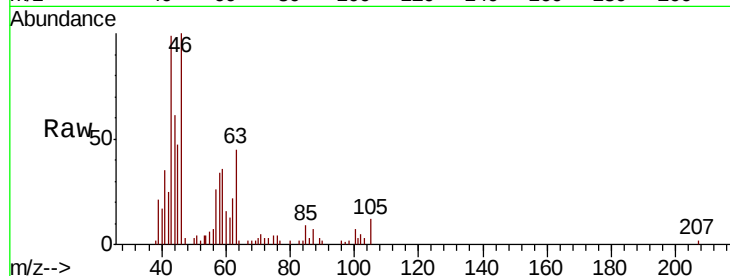




#48
 2-Hexanone
 Concen: 1.766 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030928.D
 Acq: 09 Apr 2019 00:36

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YC5

Tot Ion: 43 Resp: 15525
 Ion Ratio Lower Upper
 43 100
 58 32.2 42.5 63.7#
 57 14.5 13.9 20.9
 100 4.6 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.944 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030928.D
 Acq: 09 Apr 2019 00:36

Tgt Ion: 75 Resp: 10724
 Ion Ratio Lower Upper
 75 100
 77 40.9 25.6 38.4#

