

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029334.D
 Acq On : 01 Feb 2019 15:32
 Operator : JC/SP
 Sample : K1287-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJG8

Quant Time: Feb 01 23:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 01 23:50:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	59643	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	61583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	28397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23186	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	23209	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	46628	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.19	46	70193	46.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.96%
24) Chloroform-d	4.65	84	53354	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	33235	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.34	84	88103	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	28216	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.56	98	77220	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	13256	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	55066	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22986	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	31688	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

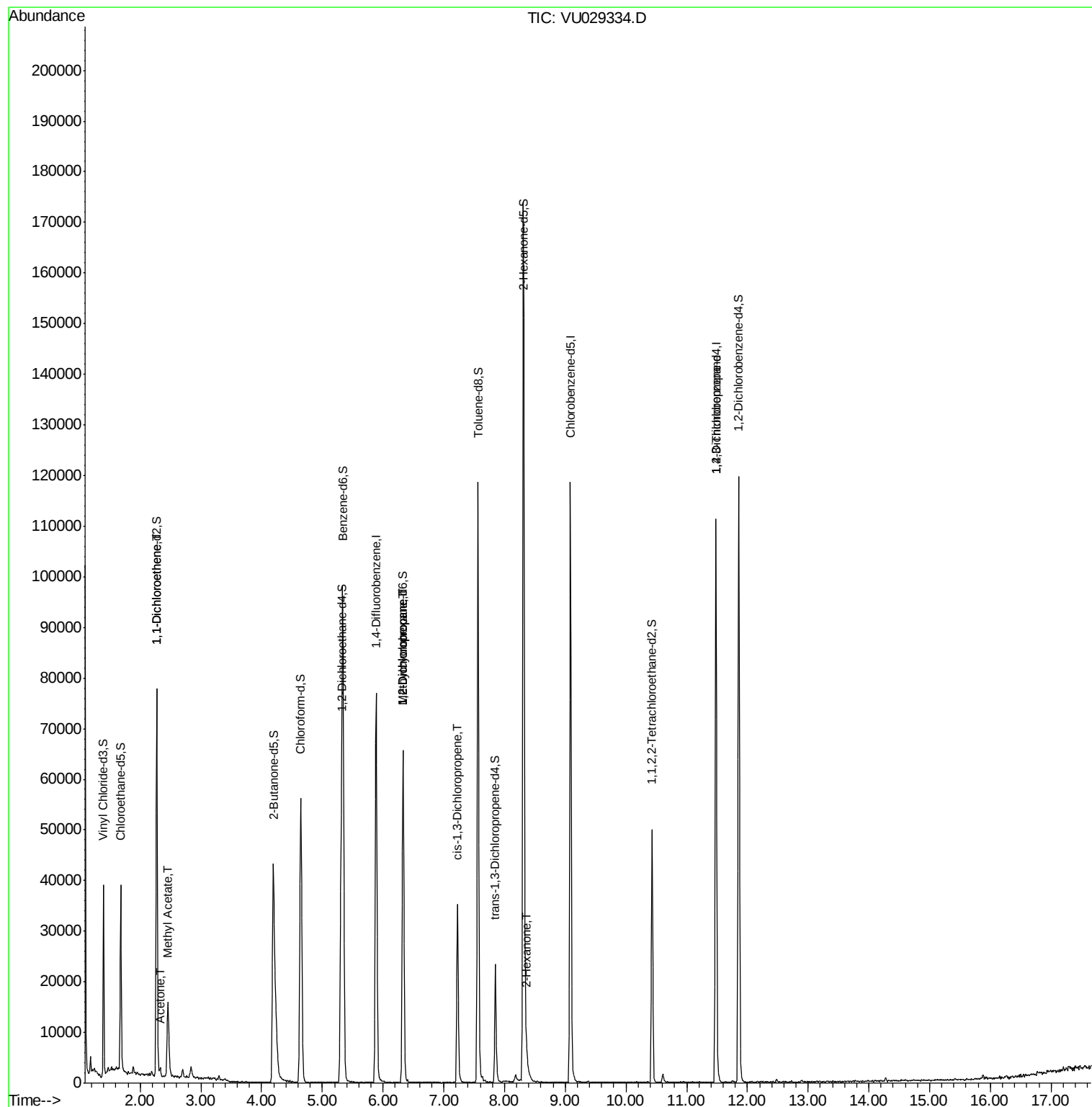
					Qvalue
12) 1,1-Dichloroethene	2.27	96	333	0.072 ug/L #	1
13) Acetone	2.32	43	1064	0.764 ug/L	78
15) Methyl Acetate	2.46	43	4457	1.358 ug/L #	60
35) Methylcyclohexane	6.33	83	7397	0.936 ug/L #	13
37) 1,2-Dichloropropane	6.33	63	3739	0.696 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1001	0.128 ug/L #	77
48) 2-Hexanone	8.37	43	1227	0.441 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	3140	0.821 ug/L #	87

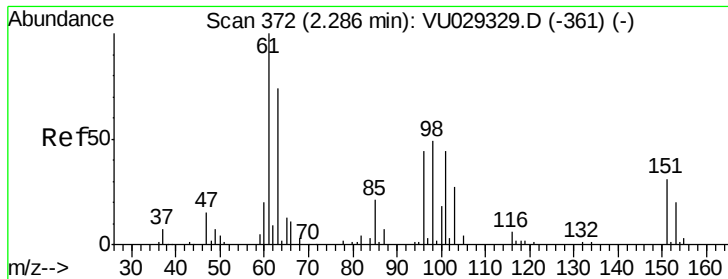
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 23:50:10 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029334.D

Acq: 01 Feb 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

BEJG8

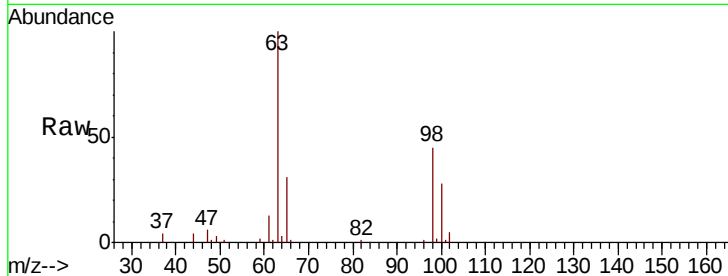
Tgt Ion: 96 Resp: 333

Ion Ratio Lower Upper

96 100

61 1545.9 159.5 296.1#

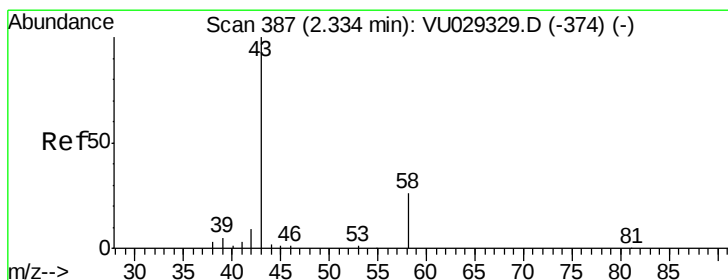
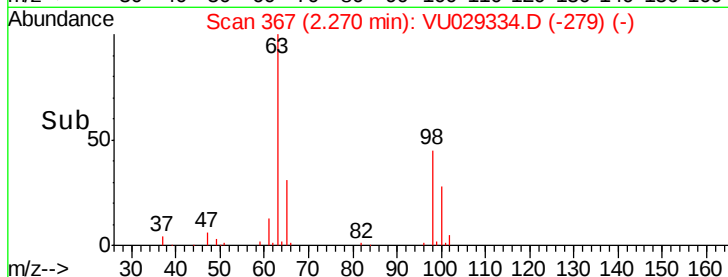
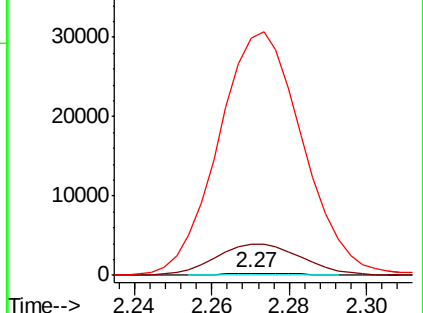
63 11742.7 124.3 230.8#



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



#13

Acetone

Concen: 0.764 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029334.D

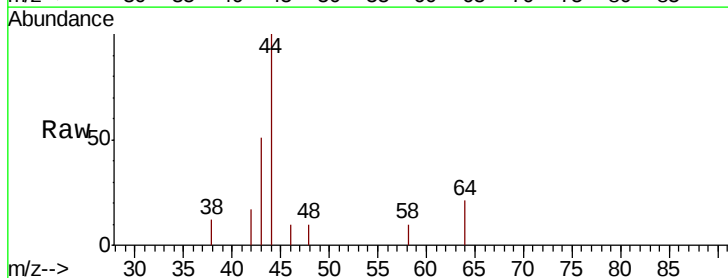
Acq: 01 Feb 2019 15:32

Tgt Ion: 43 Resp: 1064

Ion Ratio Lower Upper

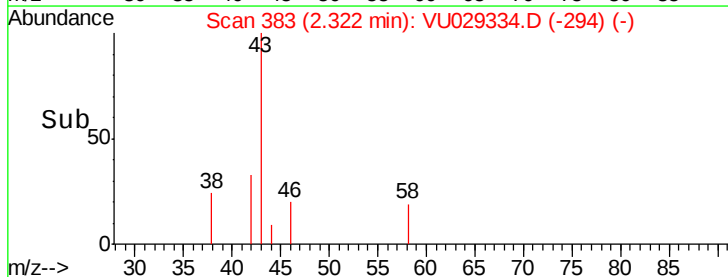
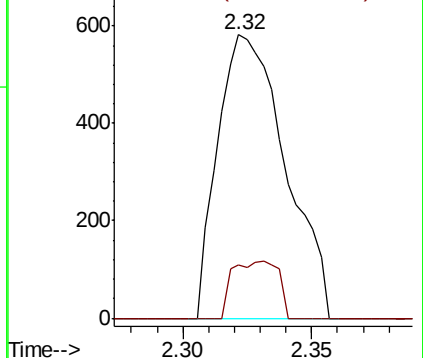
43 100

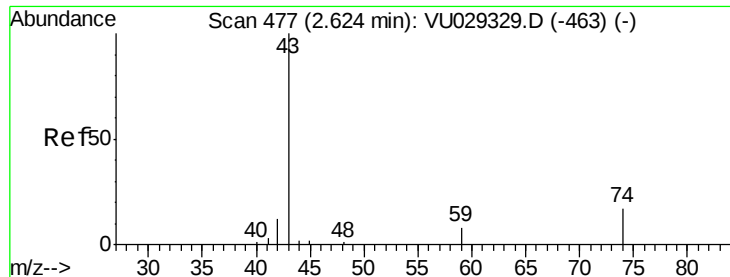
58 13.7 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 1.358 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.16 min

Lab File: VU029334.D

Acq: 01 Feb 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

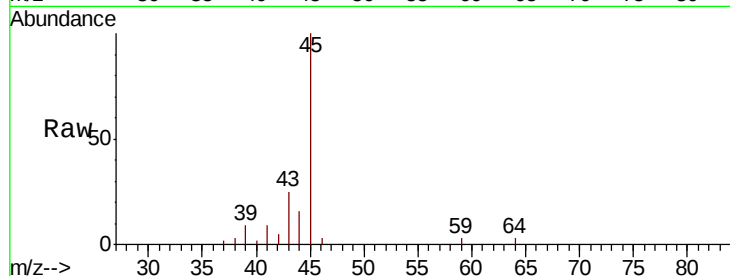
BEJG8

Tgt Ion: 43 Resp: 4457

Ion Ratio Lower Upper

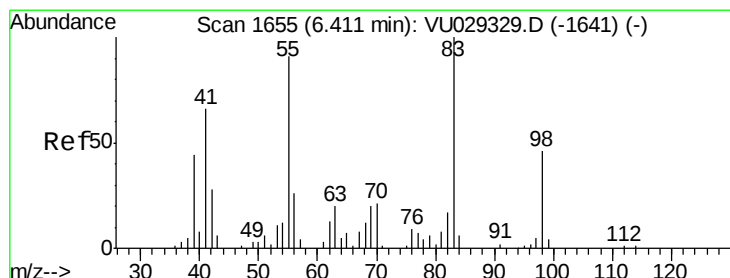
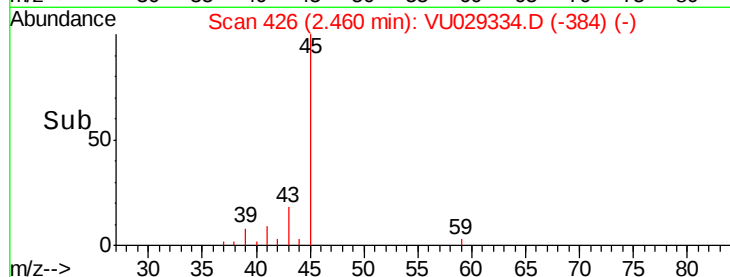
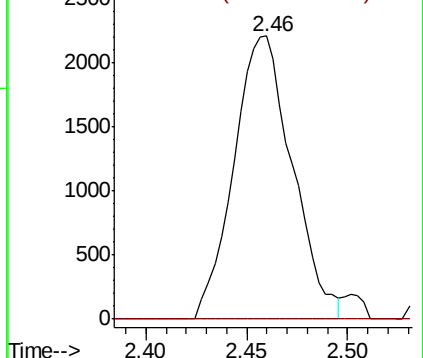
43 100

74 0.0 14.2 21.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#35

Methylcyclohexane

Concen: 0.936 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029334.D

Acq: 01 Feb 2019 15:32

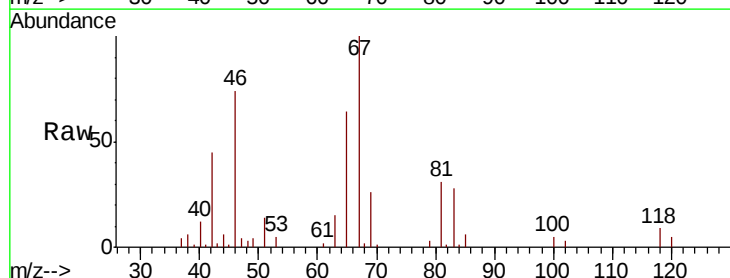
Tgt Ion: 83 Resp: 7397

Ion Ratio Lower Upper

83 100

55 0.0 72.2 108.4#

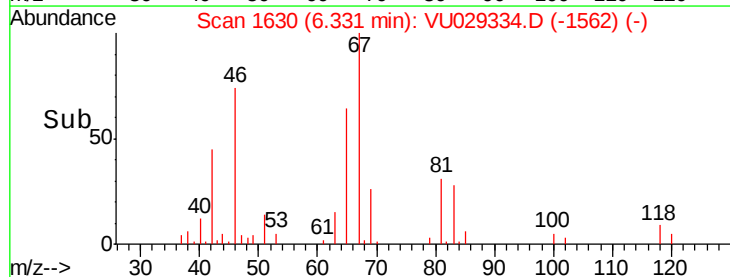
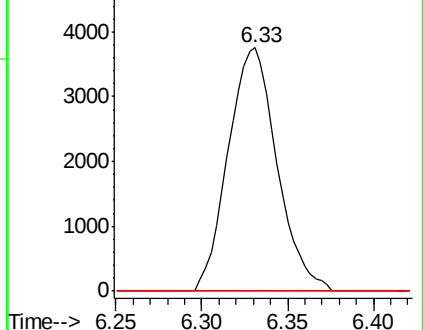
98 0.0 36.6 54.8#

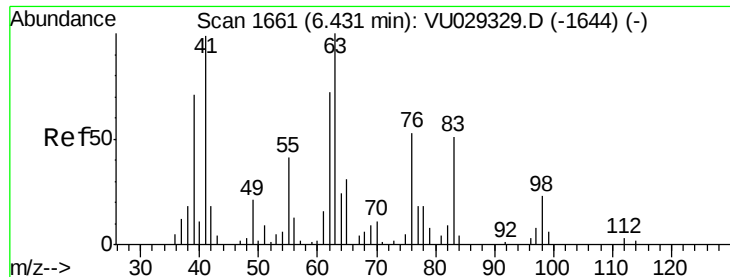


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029334.D

Acq: 01 Feb 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

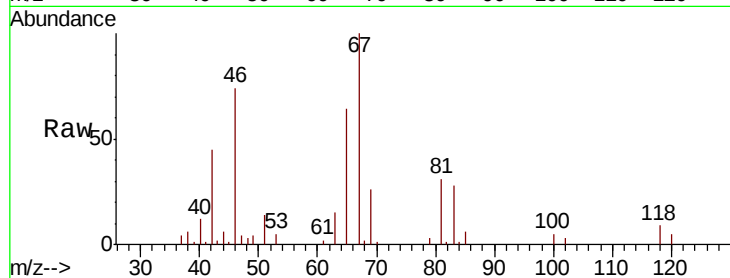
BEJG8

Tgt Ion: 63 Resp: 3739

Ion Ratio Lower Upper

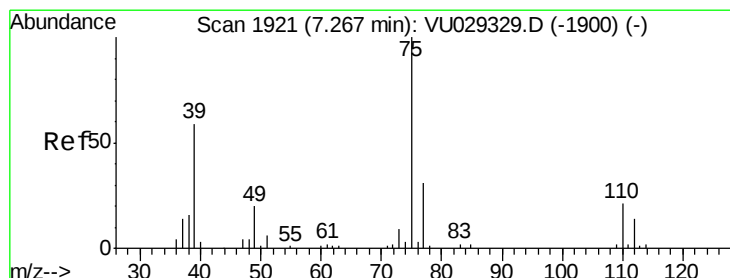
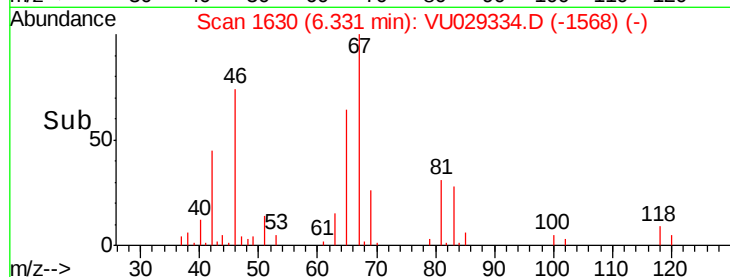
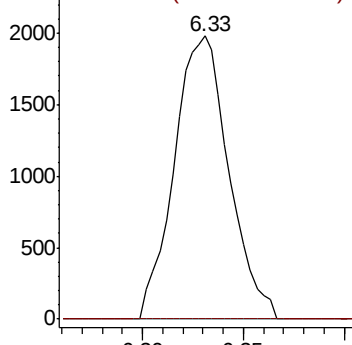
63 100

112 0.0 3.0 4.6#



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: 0.128 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029334.D

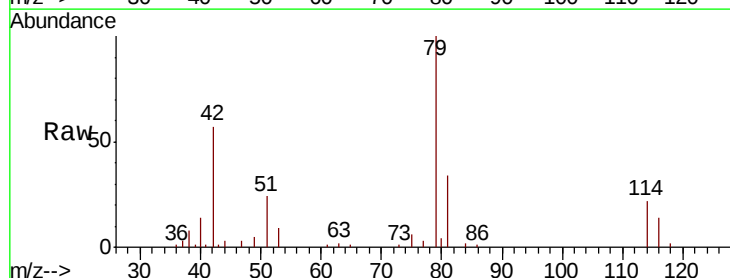
Acq: 01 Feb 2019 15:32

Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

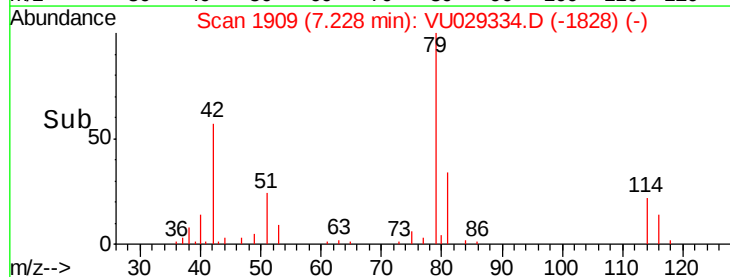
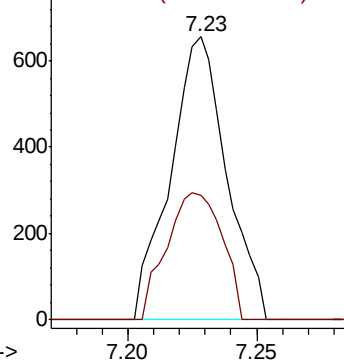
75 100

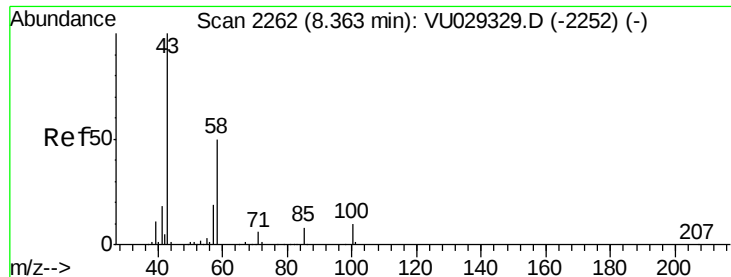
77 43.9 22.0 40.8#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

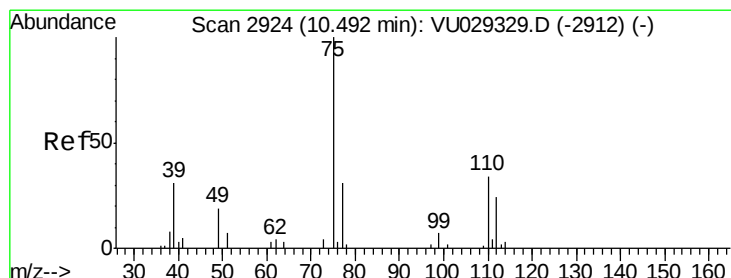
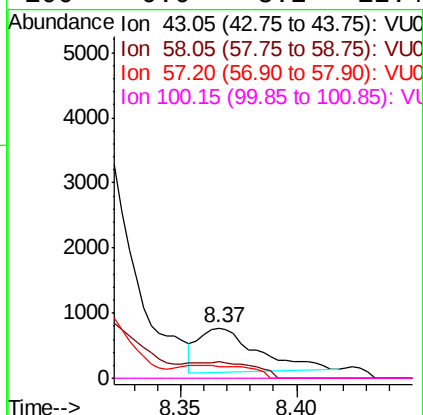
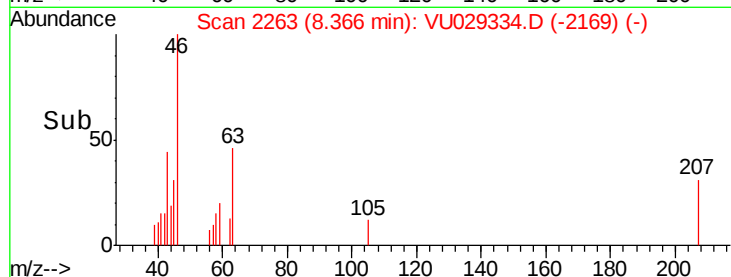
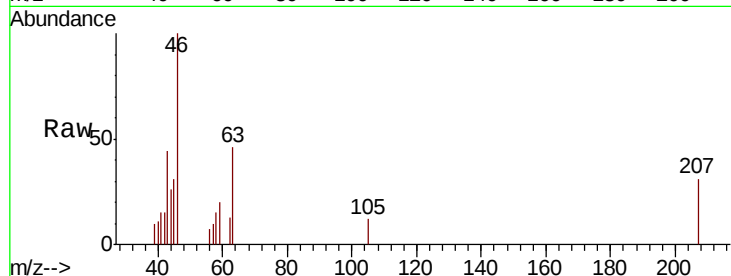




#48
2-Hexanone
Concen: 0.441 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029334.D
Acq: 01 Feb 2019 15:32

Instrument :
MSVOA_U
ClientSampleId :
BEJG8

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.0#
57 6.8 15.1 22.7#
100 0.0 8.2 12.4#



#59
1,2,3-Trichloropropane
Concen: 0.821 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029334.D
Acq: 01 Feb 2019 15:32

Tgt Ion: 75 Resp: 3140
Ion Ratio Lower Upper
75 100
77 37.9 24.7 37.1#

