

Data File : VU029133.D
Acq On : 11 Jan 2019 10:44
Operator : MD/SY
Sample : K1107-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJF9

Quant Time: Jan 11 22:13:11 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	130494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41064	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.68	69	34243	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.27	63	55692	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.22	46	113901	62.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.80%
24) Chloroform-d	4.65	84	75395	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.31	65	38584	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.34	84	157638	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.33	67	52981	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	138266	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	18727	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.31	63	96576	59.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41558	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	49290	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

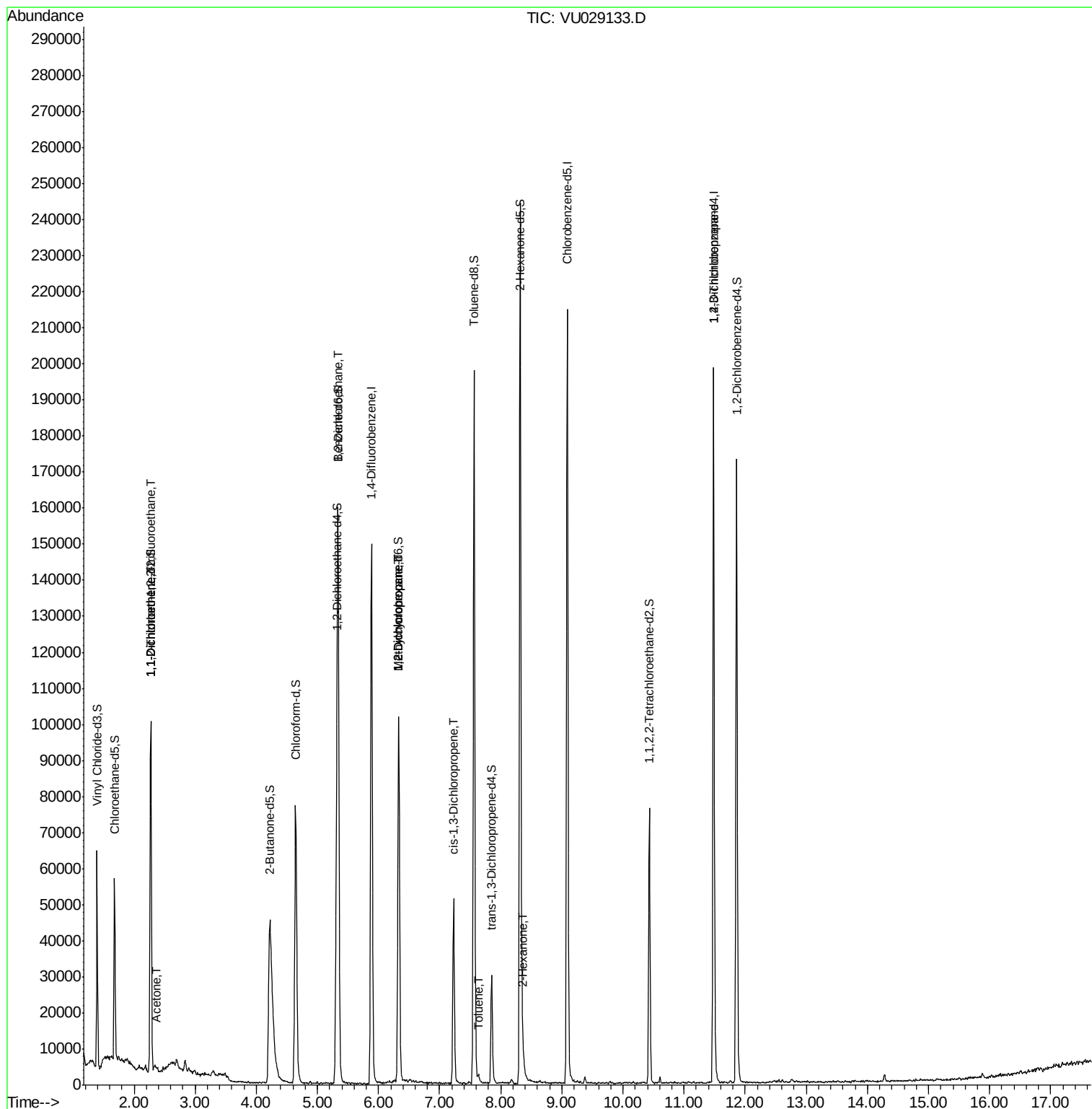
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	432	0.045 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	606	0.065 ug/L #	1
13) Acetone	2.36	43	806	0.547 ug/L	60
27) 1,2-Dichloroethane	5.34	62	663	0.068 ug/L #	73
35) Methylcyclohexane	6.33	83	11474	0.642 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4841	0.467 ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	1168	0.079 ug/L #	40
42) Toluene	7.64	91	1380	0.032 ug/L	91
48) 2-Hexanone	8.37	43	1549	0.406 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	6781	1.122 ug/L	100

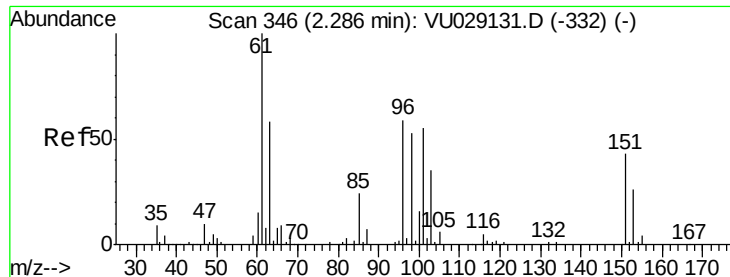
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.045 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU029133.D

Acq: 11 Jan 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

BEJF9

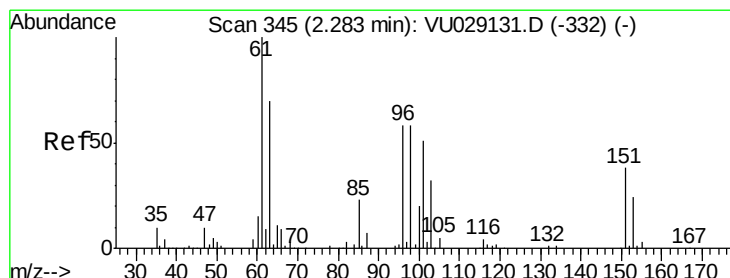
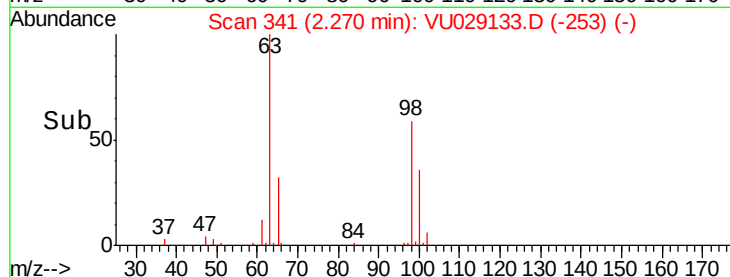
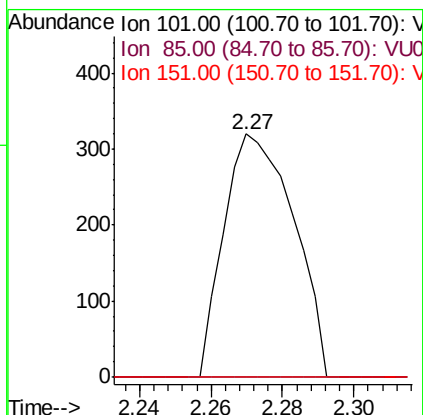
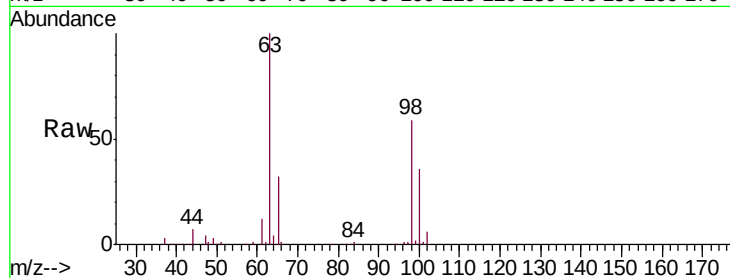
Tgt Ion: 101 Resp: 432

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU029133.D

Acq: 11 Jan 2019 10:44

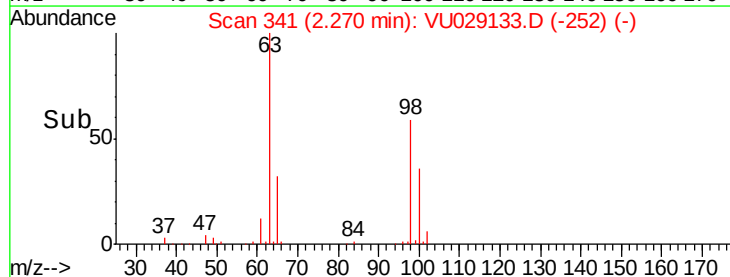
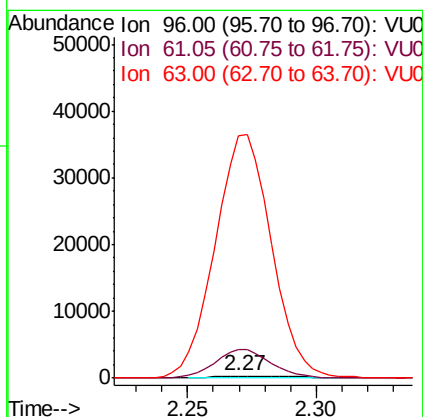
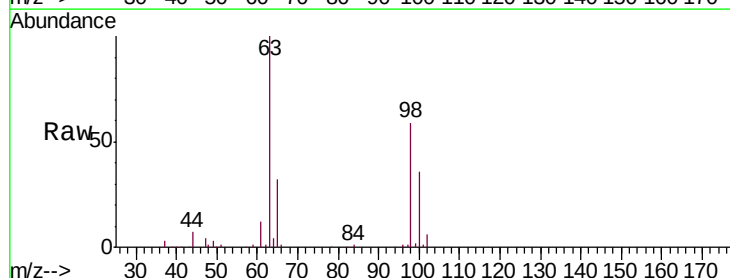
Tgt Ion: 96 Resp: 606

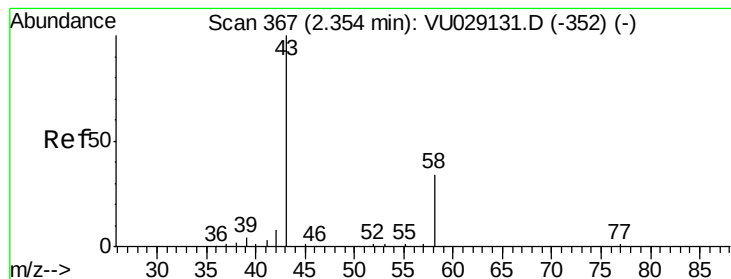
Ion Ratio Lower Upper

96 100

61 1481.4 110.5 205.3#

63 12271.2 67.6 125.6#





#13

Acetone

Concen: 0.547 ug/L

RT: 2.36 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU029133.D

Acq: 11 Jan 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

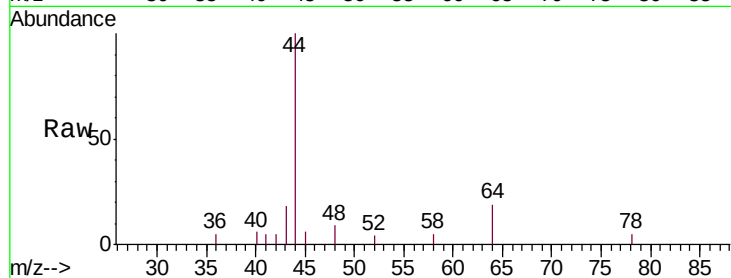
BEJF9

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

58 12.7 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU029133.D (-274) (-)

Ion 58.05 (57.75 to 58.75): VU029133.D (-274) (-)

600

500

400

300

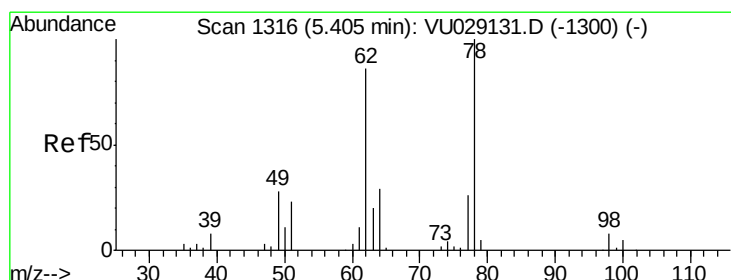
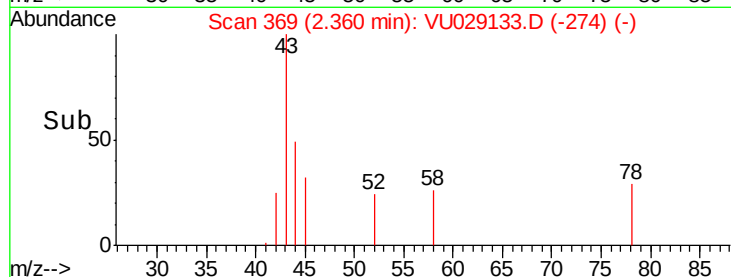
200

100

0

2.30 2.32 2.34 2.36 2.38

Time-->



#27

1,2-Dichloroethane

Concen: 0.068 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

Lab File: VU029133.D

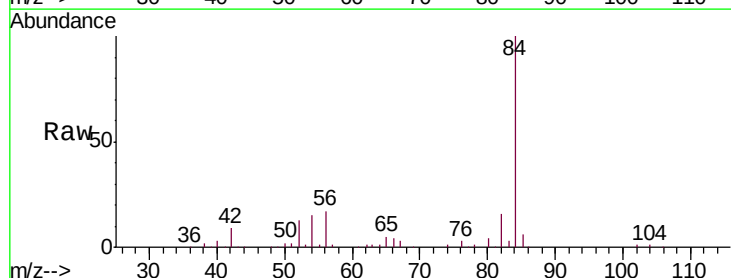
Acq: 11 Jan 2019 10:44

Tgt Ion: 62 Resp: 663

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU029133.D (-1223) (-)

Ion 98.05 (97.75 to 98.75): VU029133.D (-1223) (-)

600

500

400

300

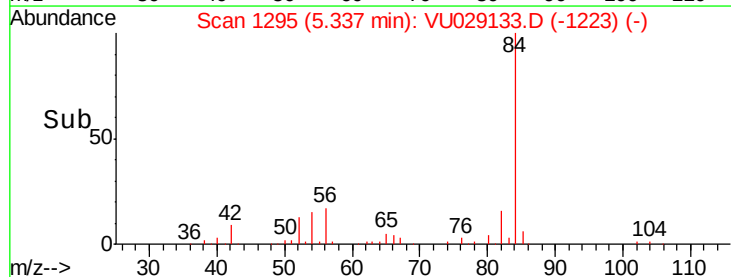
200

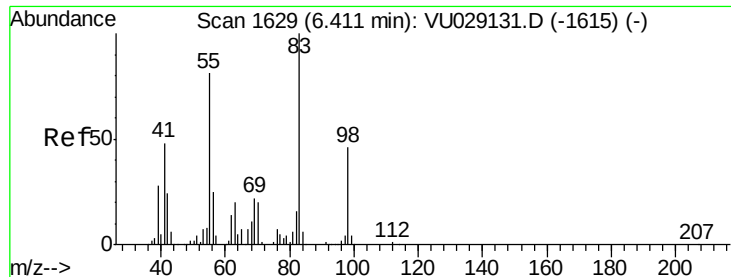
100

0

5.30 5.32 5.34 5.36

Time-->

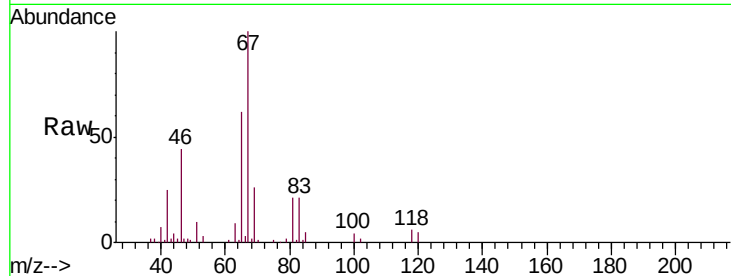




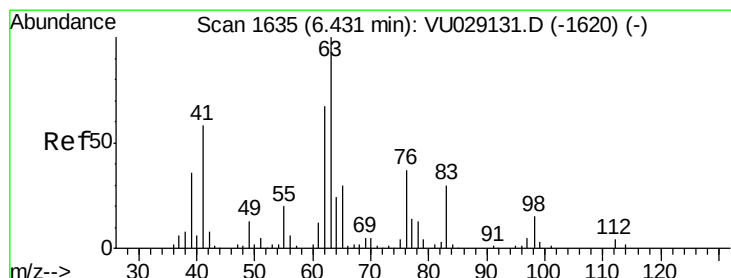
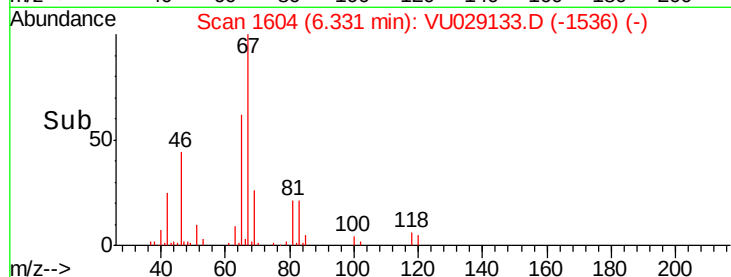
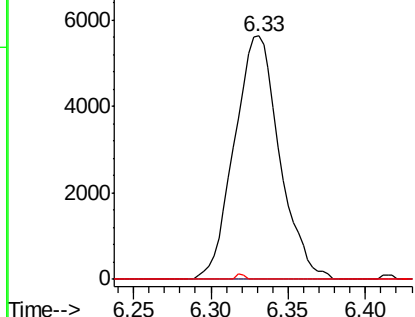
#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU029133.D
Acq: 11 Jan 2019 10:44

Instrument :
MSVOA_U
ClientSampleId :
BEJF9

Tgt Ion: 83 Resp: 11474
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.4 37.0 55.6#

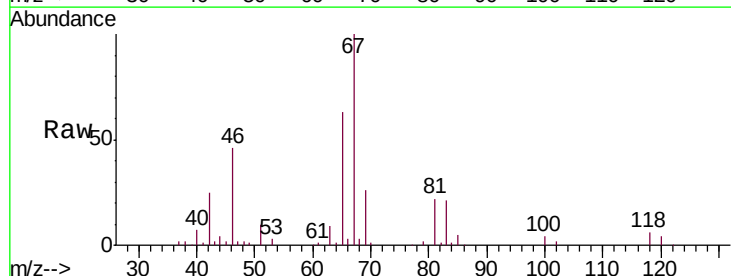


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

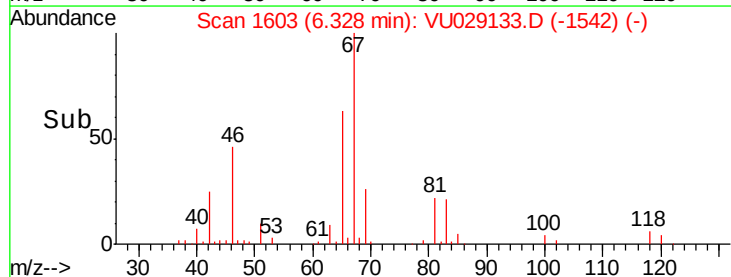
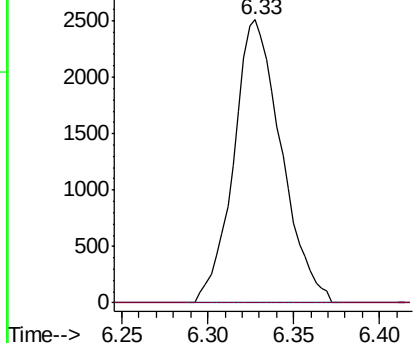


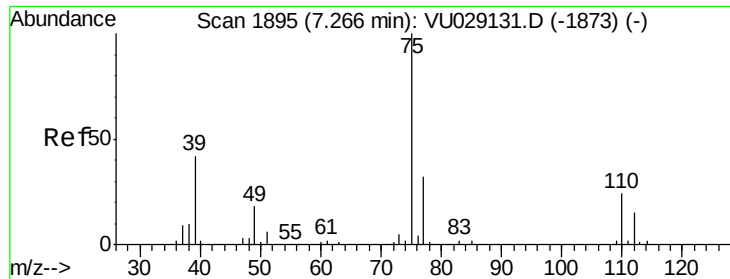
#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029133.D
Acq: 11 Jan 2019 10:44

Tgt Ion: 63 Resp: 4841
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

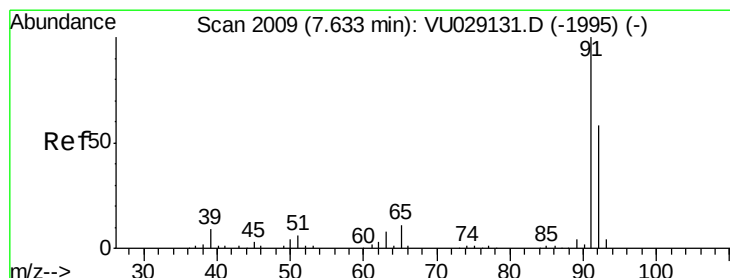
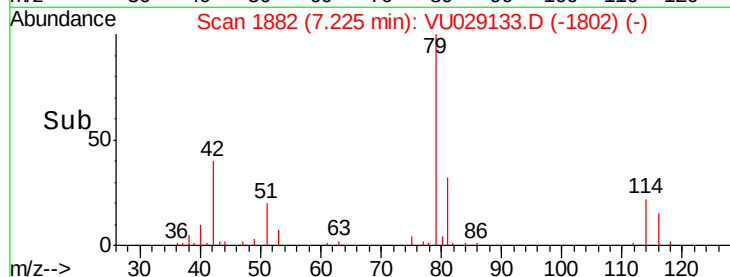
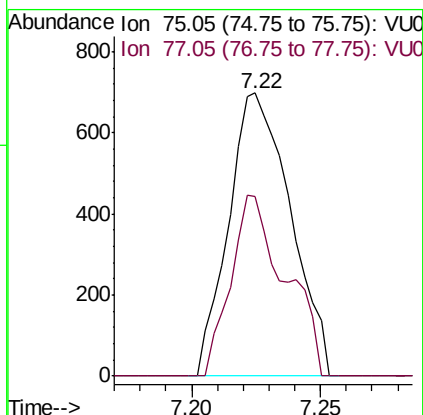
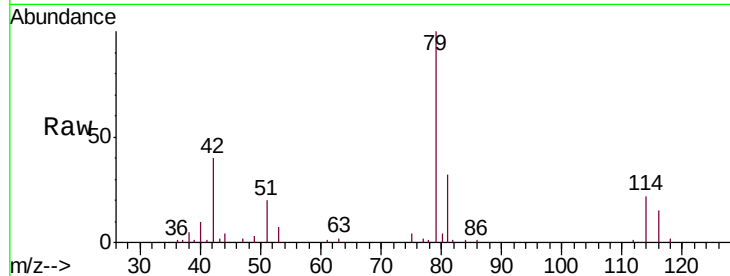




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029133.D
 Acq: 11 Jan 2019 10:44

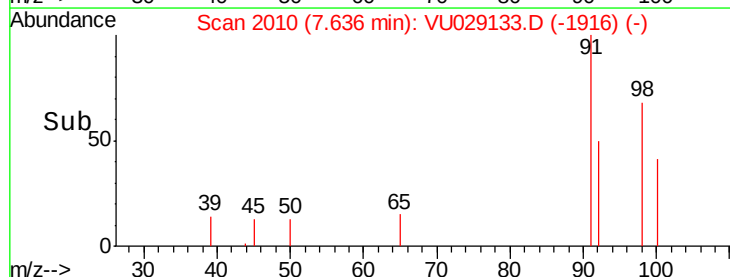
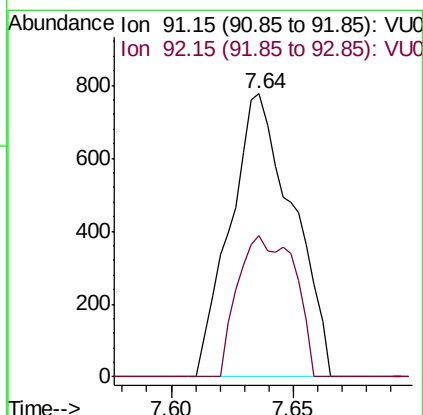
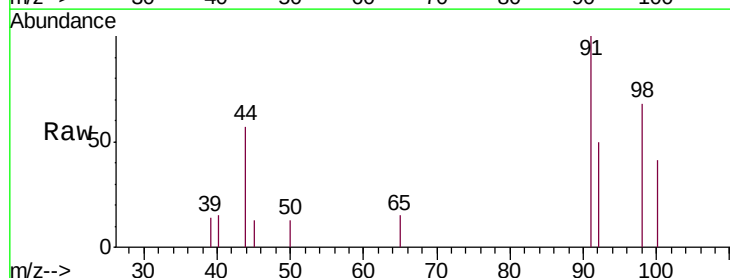
Instrument :
 MSVOA_U
 ClientSampleId :
 BEJF9

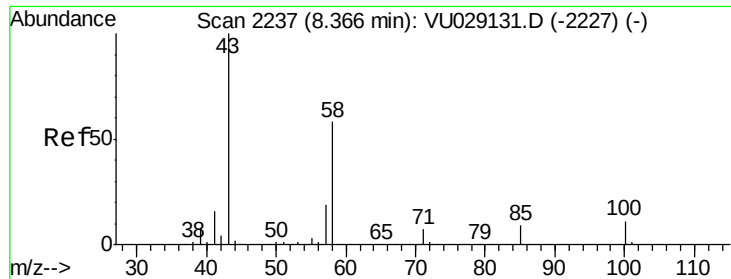
Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 63.5 21.5 39.9#



#42
 Toluene
 Concen: 0.032 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU029133.D
 Acq: 11 Jan 2019 10:44

Tgt Ion: 91 Resp: 1380
 Ion Ratio Lower Upper
 91 100
 92 49.8 39.3 73.1

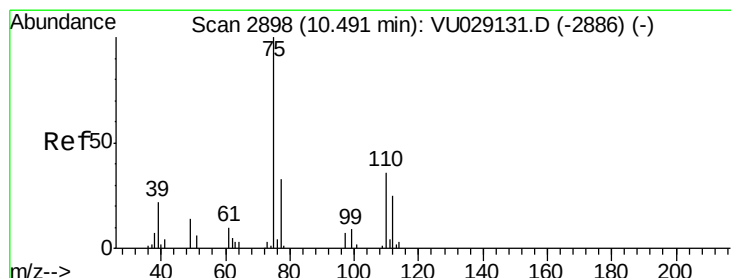
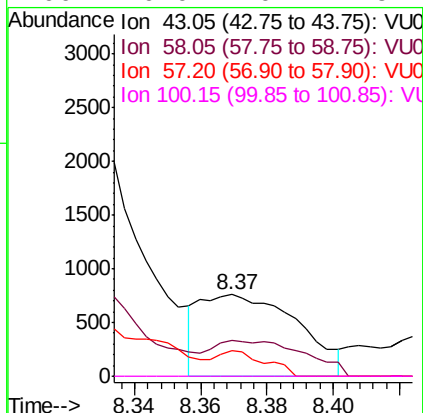
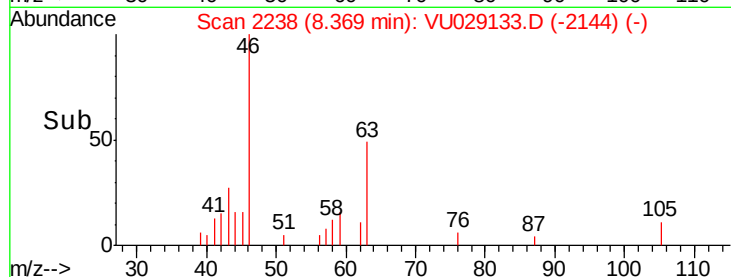
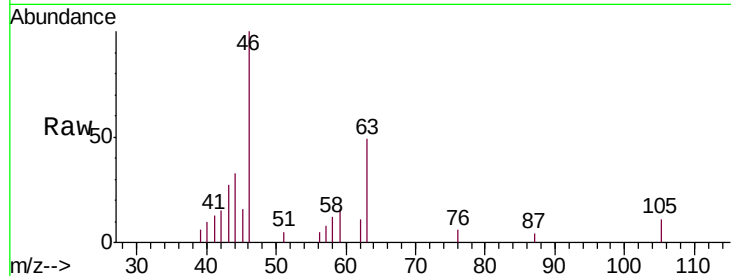




#48
2-Hexanone
Concen: 0.406 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU029133.D
Acq: 11 Jan 2019 10:44

Instrument :
MSVOA_U
ClientSampleId :
BEJF9

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 41.1 48.8 73.2#
57 16.5 16.0 24.0
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 1.122 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU029133.D
Acq: 11 Jan 2019 10:44

Tgt Ion: 75 Resp: 6781
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0

