

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027699.D
 Acq On : 18 Oct 2018 15:15
 Operator : MD/SY
 Sample : J5463-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JD5

Quant Time: Oct 19 08:14:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	86648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	81486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28510	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	22144	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.28	63	38570	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.20	46	80280	41.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.00%
24) Chloroform-d	4.65	84	44474	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	24920	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.34	84	99164	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	33084	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.57	98	92548	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	13763	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	70960	42.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24067	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	33181	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

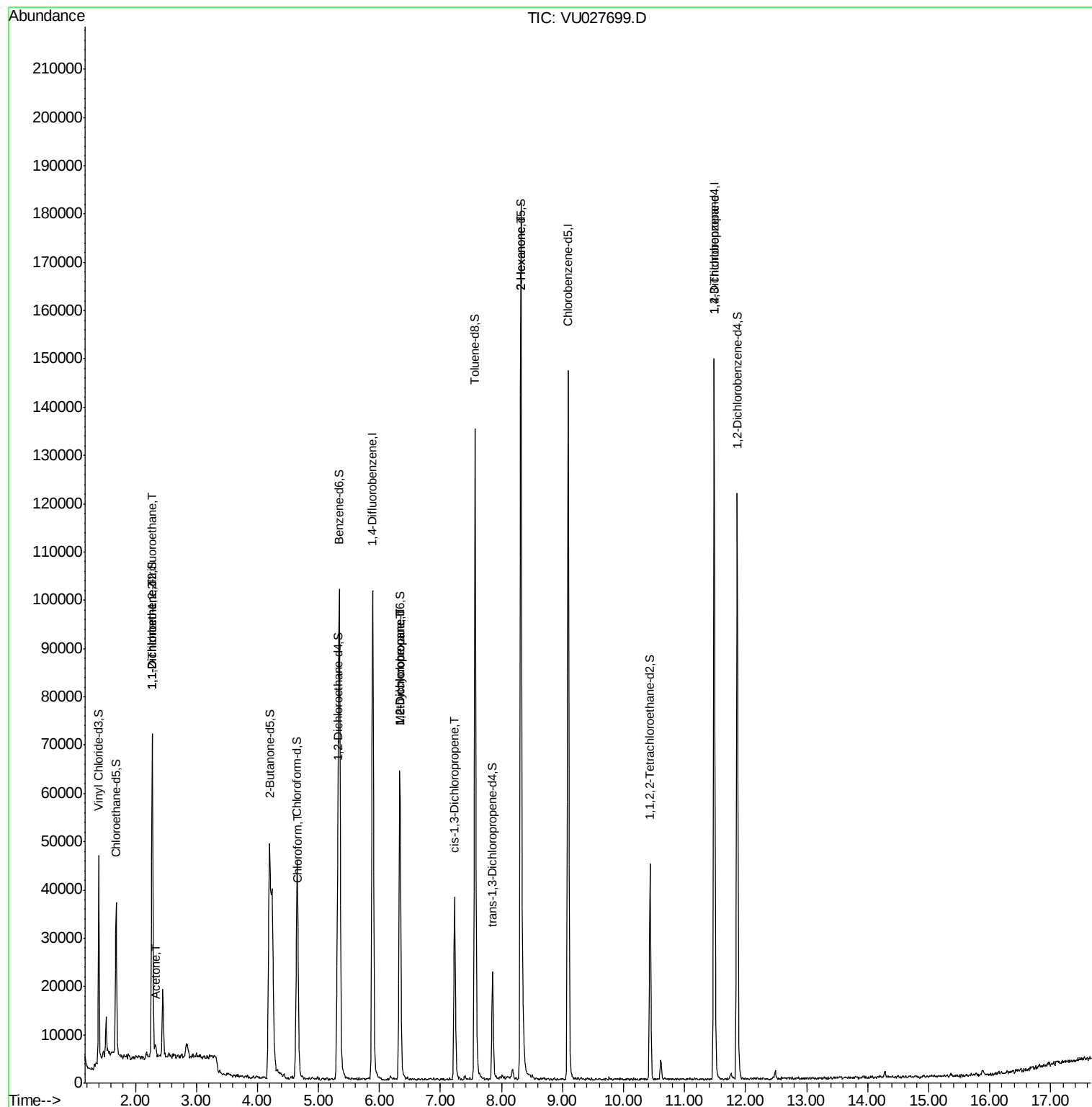
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	319	0.054	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	405	0.069	ug/L #	1
13) Acetone	2.33	43	1872	1.495	ug/L	96
25) Chloroform	4.67	83	956	0.080	ug/L	92
35) Methylcyclohexane	6.33	83	7174	0.603	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3256	0.425	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	781	0.070	ug/L #	54
48) 2-Hexanone	8.31	43	8338	2.252	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	4987	1.133	ug/L	100

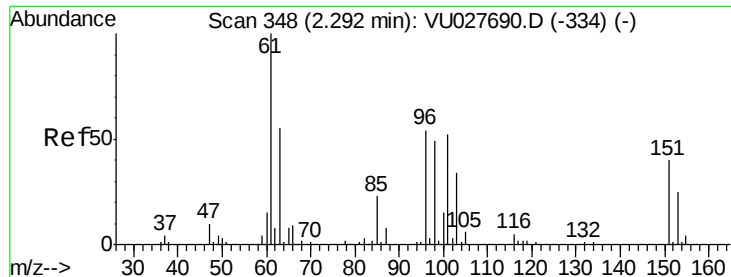
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.054 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU027699.D

Acq: 18 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0JD5

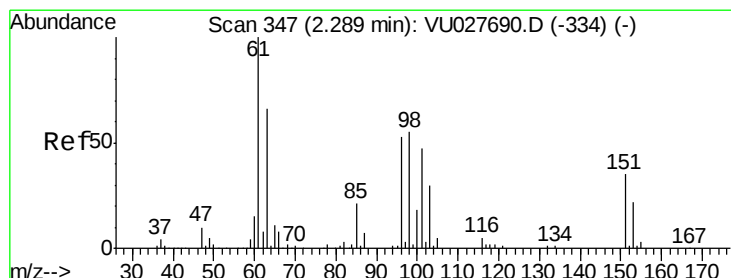
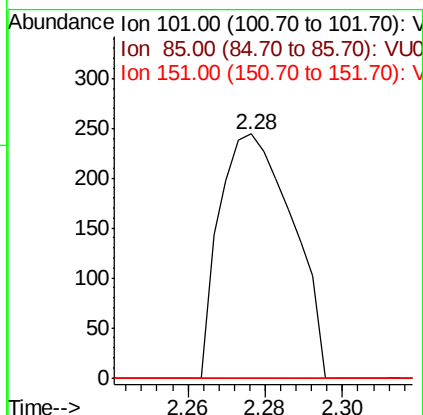
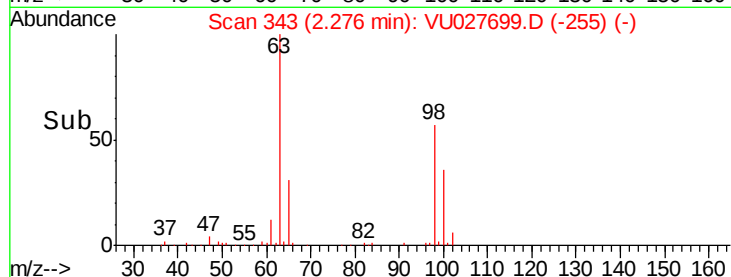
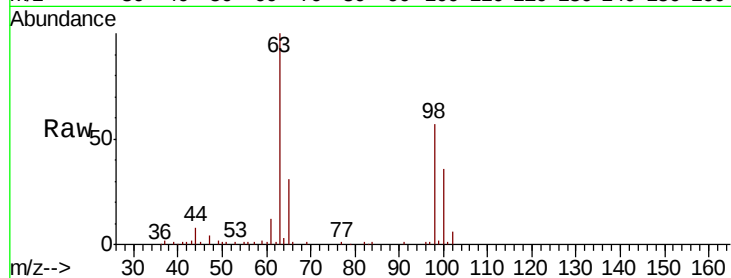
Tgt Ion: 101 Resp: 319

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 63.8 95.6#



#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027699.D

Acq: 18 Oct 2018 15:15

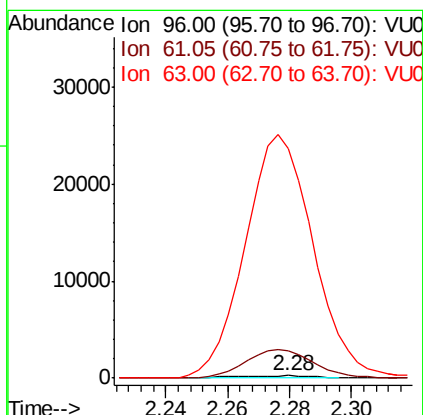
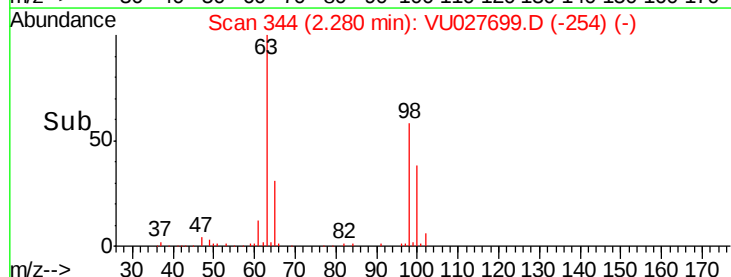
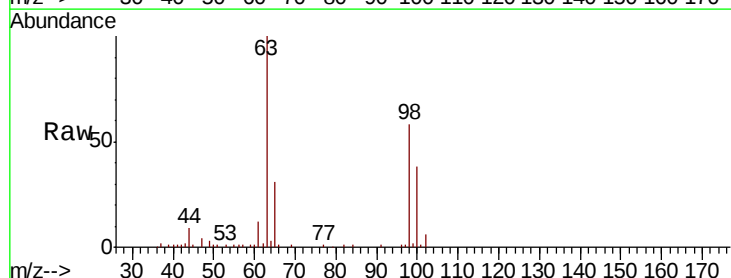
Tgt Ion: 96 Resp: 405

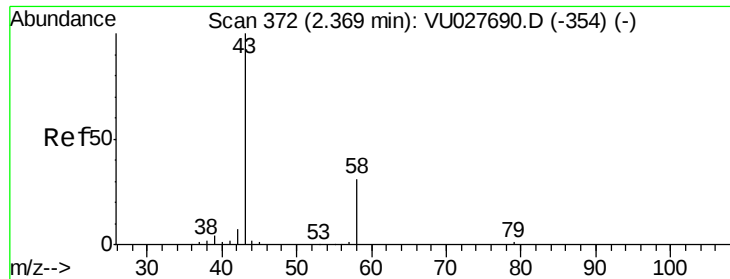
Ion Ratio Lower Upper

96 100

61 1127.9 125.6 233.2#

63 9408.8 97.6 181.2#





#13

Acetone

Concen: 1.495 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU027699.D

Acq: 18 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

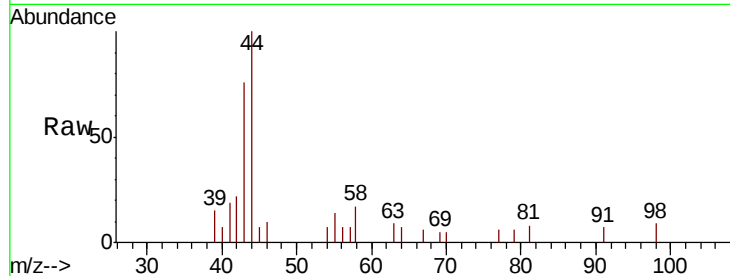
C0JD5

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

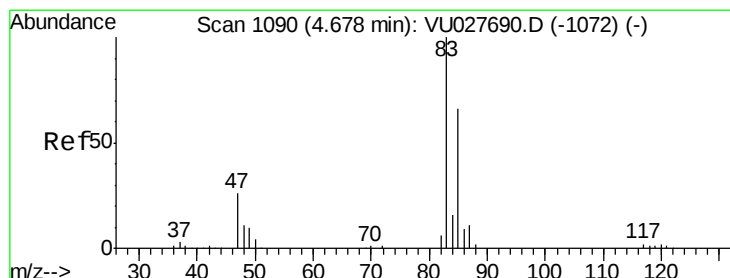
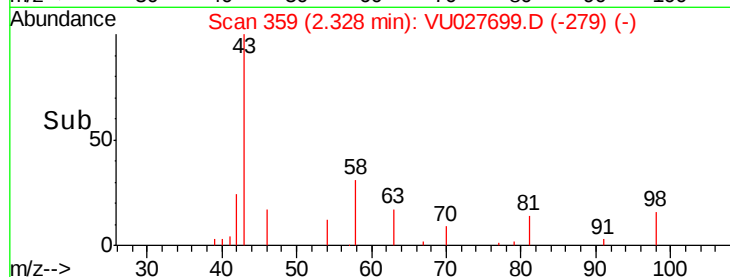
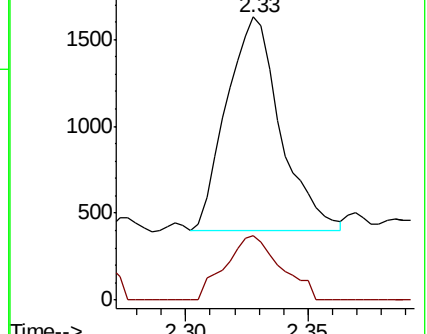
43 100

58 31.2 0.0 66.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.080 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027699.D

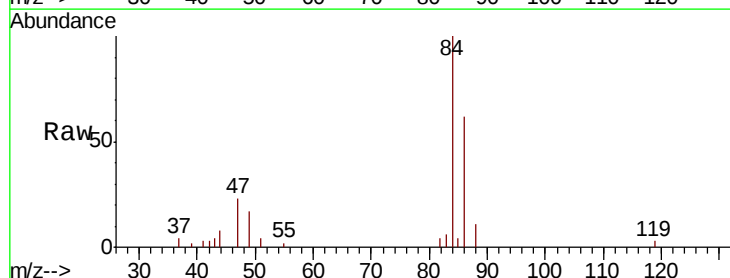
Acq: 18 Oct 2018 15:15

Tgt Ion: 83 Resp: 956

Ion Ratio Lower Upper

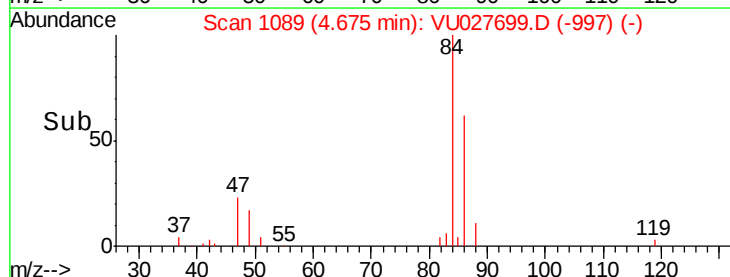
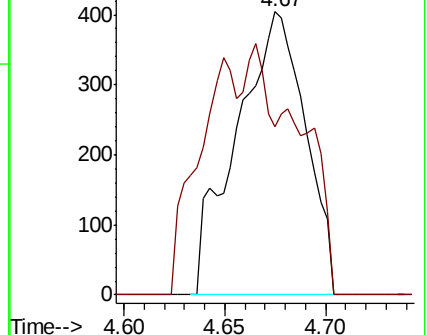
83 100

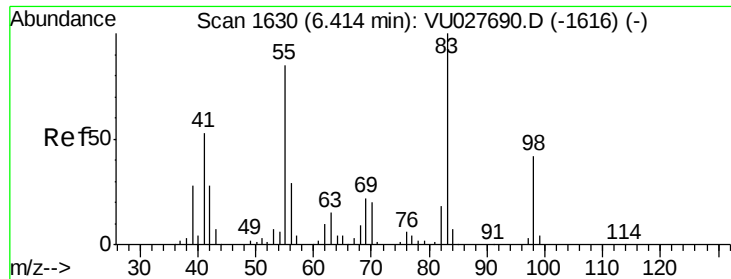
85 59.7 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

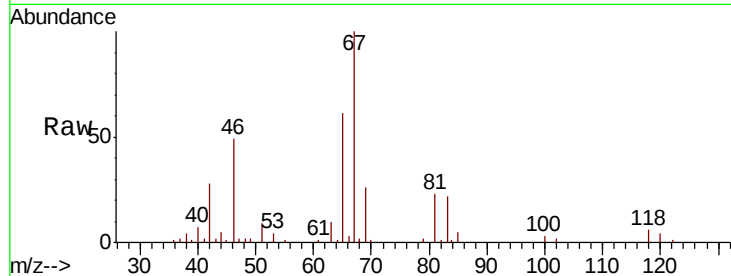




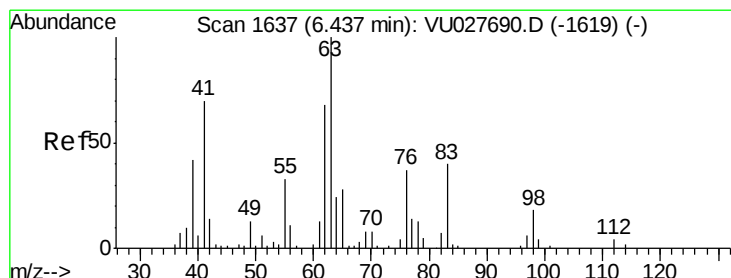
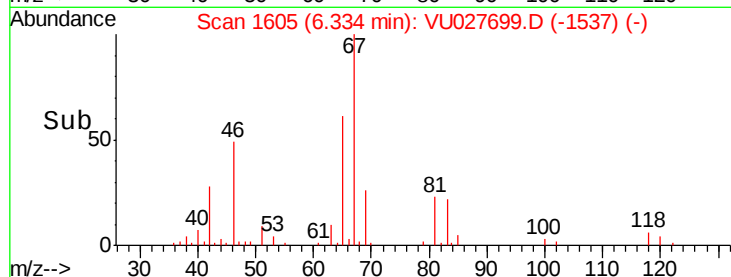
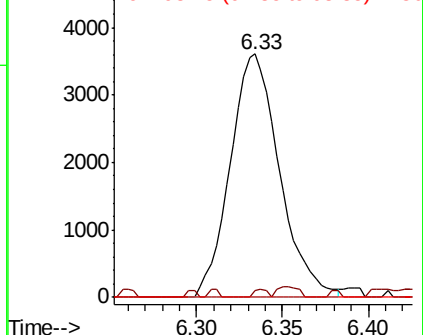
#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027699.D
Acq: 18 Oct 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
C0JD5

Tgt Ion: 83 Resp: 7174
Ion Ratio Lower Upper
83 100
55 0.9 69.0 103.4#
98 0.0 35.4 53.2#

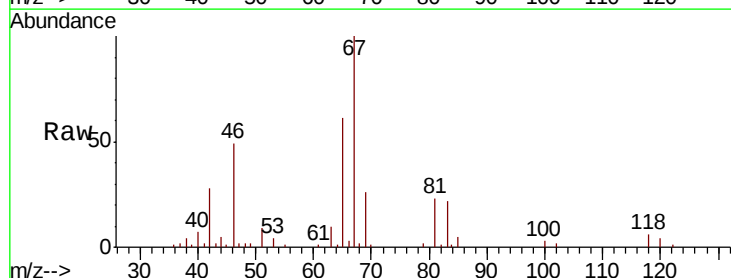


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

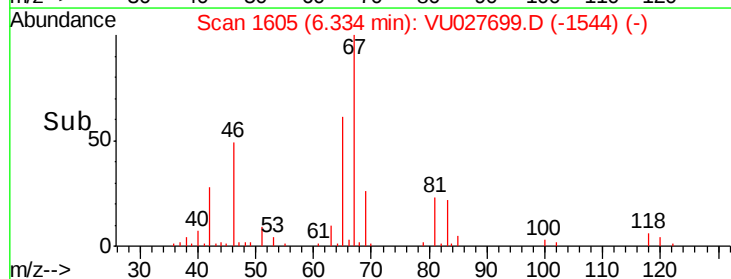
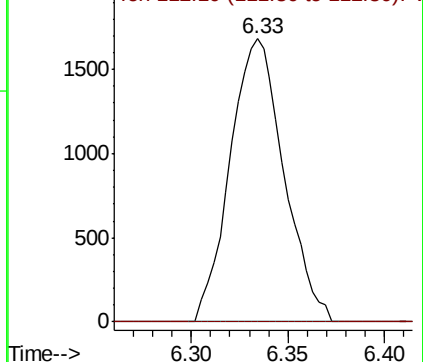


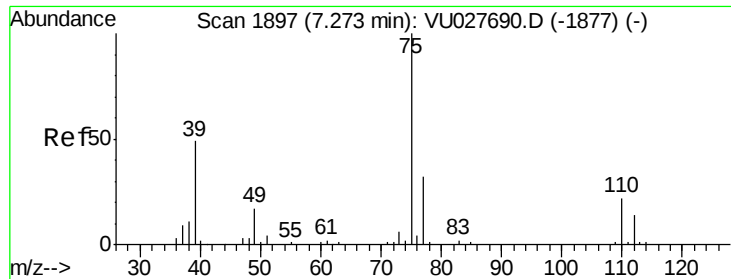
#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027699.D
Acq: 18 Oct 2018 15:15

Tgt Ion: 63 Resp: 3256
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

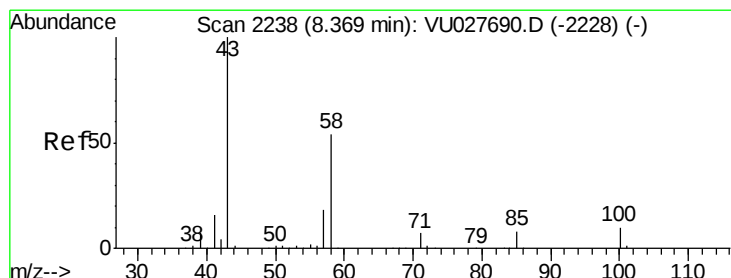
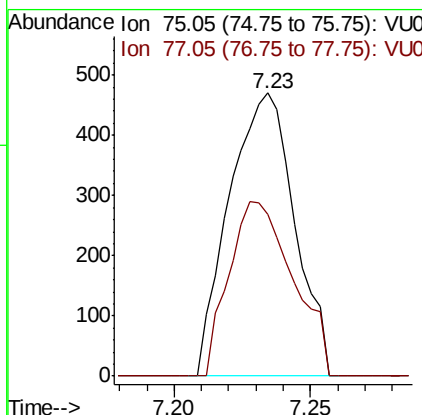
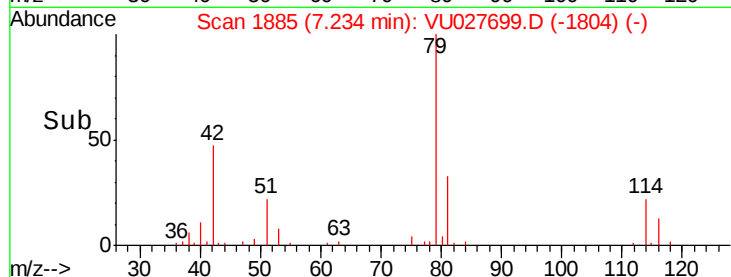
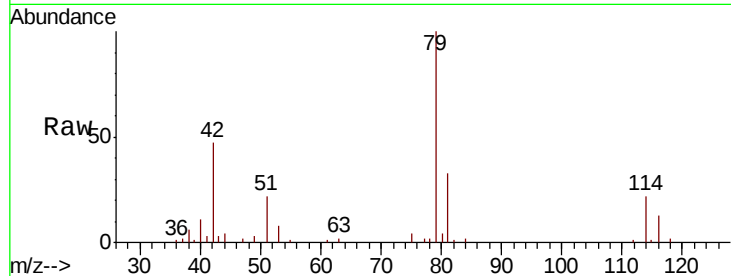




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU027699.D
 Acq: 18 Oct 2018 15:15

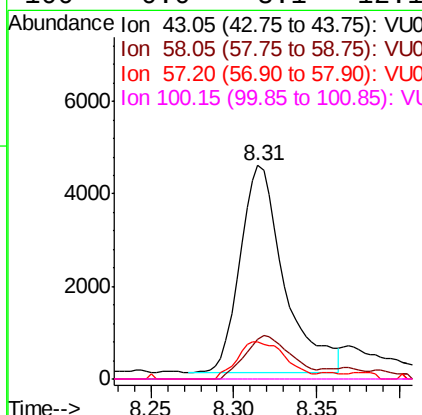
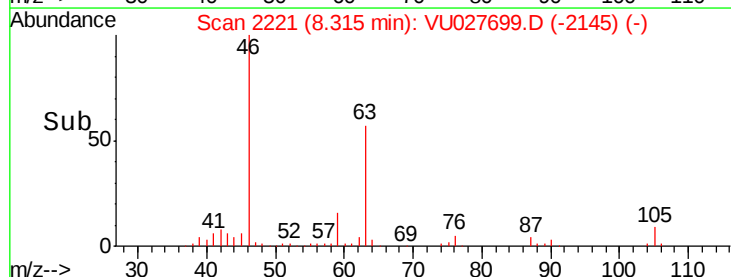
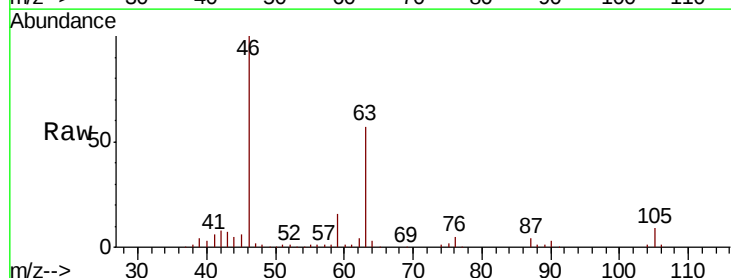
Instrument :
 MSVOA_U
 ClientSampled :
 C0JD5

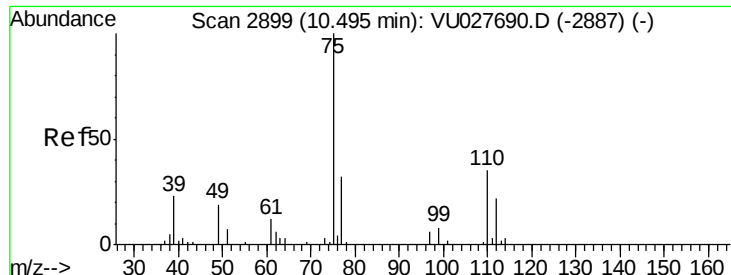
Tgt Ion: 75 Resp: 781
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.252 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU027699.D
 Acq: 18 Oct 2018 15:15

Tgt Ion: 43 Resp: 8338
 Ion Ratio Lower Upper
 43 100
 58 21.7 42.7 64.1#
 57 19.8 14.5 21.7
 100 0.0 8.1 12.1#





#59

1,2,3-Trichloropropane

Concen: 1.133 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027699.D

Acq: 18 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0JD5

Tgt Ion: 75 Resp: 4987

Ion Ratio Lower Upper

75 100

77 33.5 26.9 40.3

