

Data File : VU029138.D
Acq On : 11 Jan 2019 13:07
Operator : MD/SY
Sample : K1111-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJG0

Quant Time: Jan 11 22:14:20 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	119182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.68	65	326	0.05	ug/L	0.28
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1.00%#
7) Chloroethane-d5	1.68	69	32664	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.27	63	27266	2.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.40%#
20) 2-Butanone-d5	4.21	46	106399	63.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.66%
24) Chloroform-d	4.65	84	73972	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.20%
26) 1,2-Dichloroethane-d4	5.31	65	36689	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.34	84	149456	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.33	67	51234	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.56	98	49414	1.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	37.40%#
43) trans-1,3-Dichloropropene-	7.85	79	9888	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	8.31	63	87219	55.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39675	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	49088	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

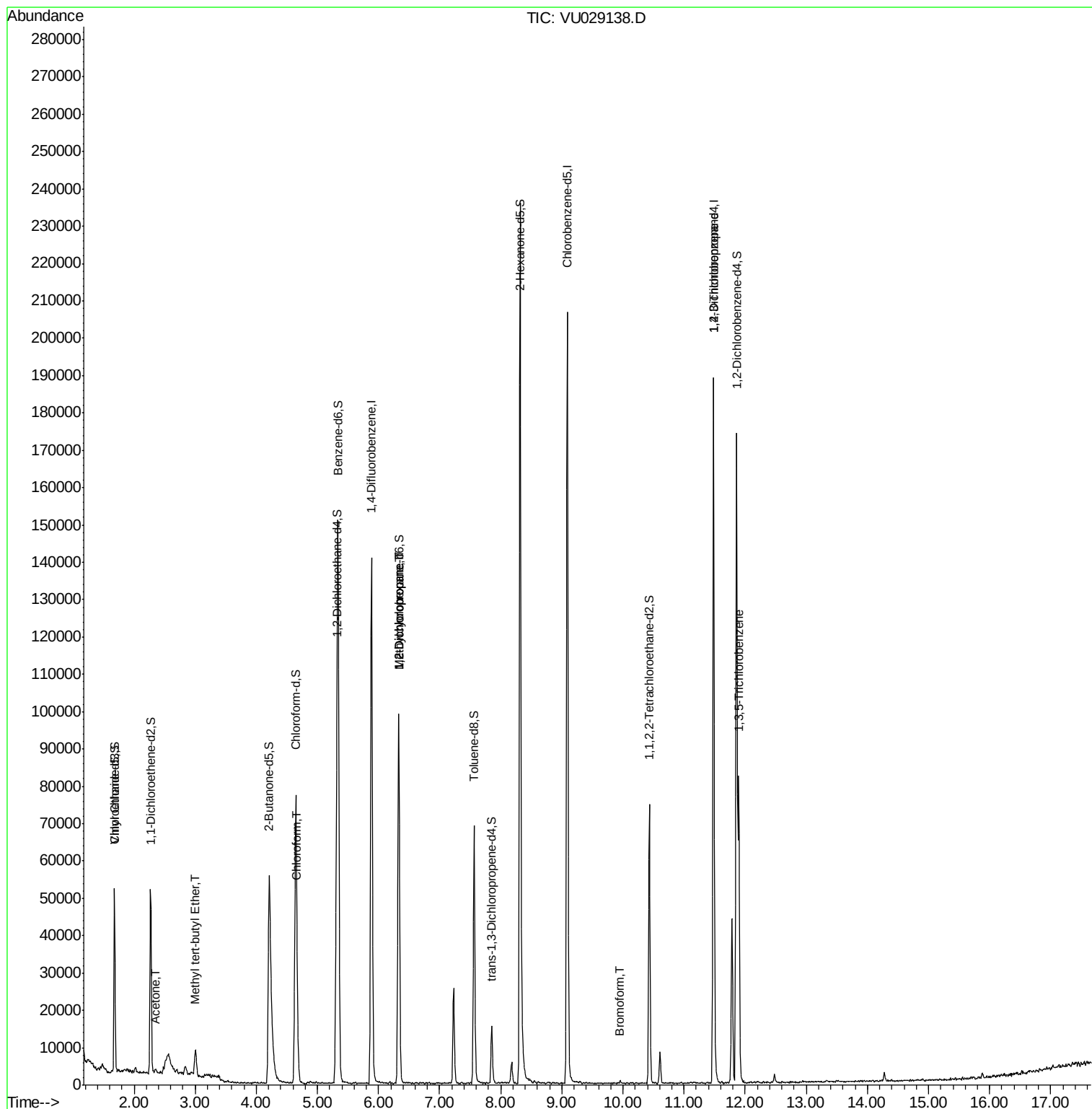
					Qvalue
13) Acetone	2.34	43	1194	0.887	ug/L 91
17) Methyl tert-butyl Ether	3.01	73	8069	0.385	ug/L 93
25) Chloroform	4.68	83	11398	0.754	ug/L 97
35) Methylcyclohexane	6.33	83	11318	0.659	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	4801	0.482	ug/L # 92
59) 1,2,3-Trichloropropane	11.48	75	6153	1.060	ug/L # 87
61) Bromoform	9.96	173	588	0.163	ug/L # 91
67) 1,3,5-Trichlorobenzene	11.89	180	1157	0.084	ug/L # 18

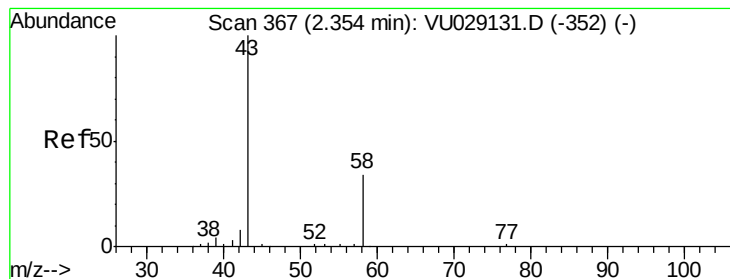
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.887 ug/L

RT: 2.34 min Scan# 364

Delta R.T. -0.01 min

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Acq: 11 Jan 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

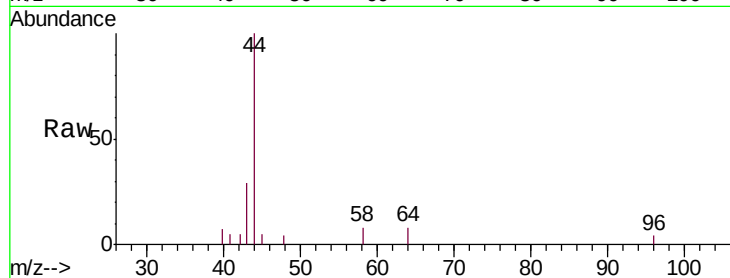
BEJG0

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

58 41.0 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

600

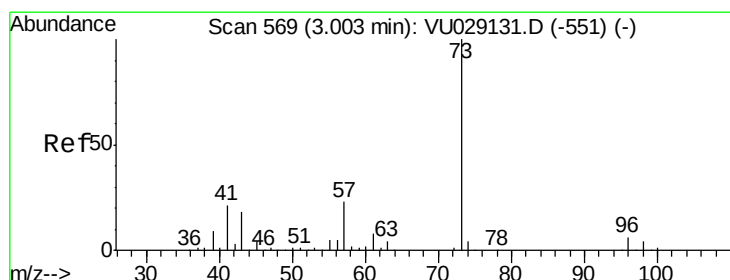
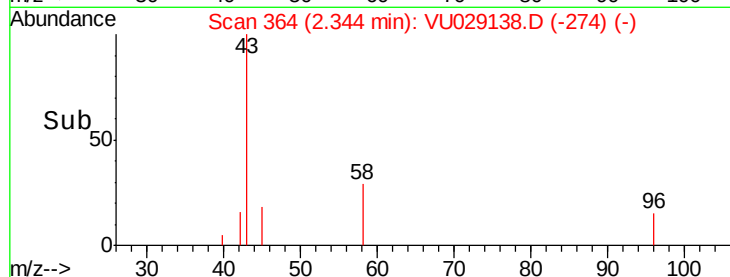
400

200

0

2.30 2.32 2.34 2.36

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.385 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU029138.D

Acq: 11 Jan 2019 13:07

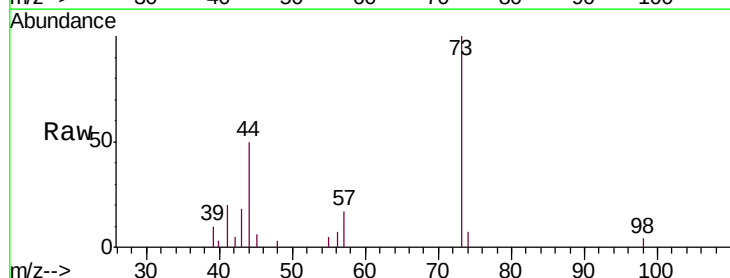
Tgt Ion: 73 Resp: 8069

Ion Ratio Lower Upper

73 100

43 20.3 13.8 20.8

57 18.6 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

5000

4000

3000

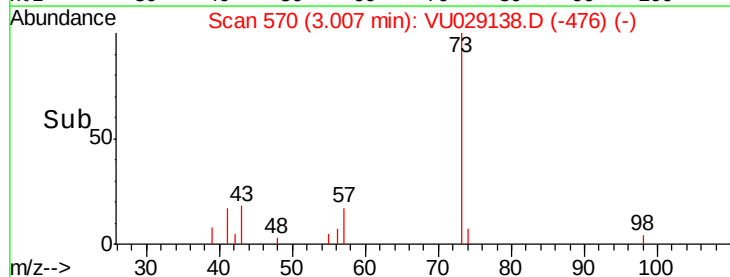
2000

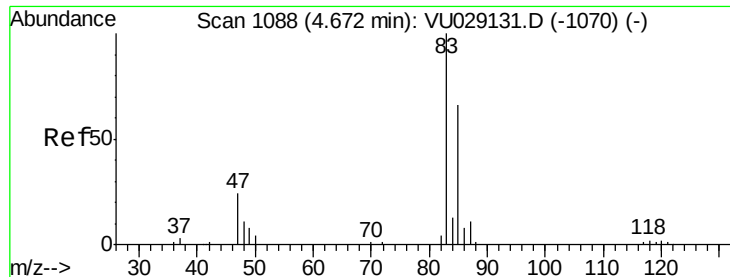
1000

0

2.95 3.00 3.05

Time-->





#25

Chloroform

Concen: 0.754 ug/L

RT: 4.68 min Scan# 1089

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

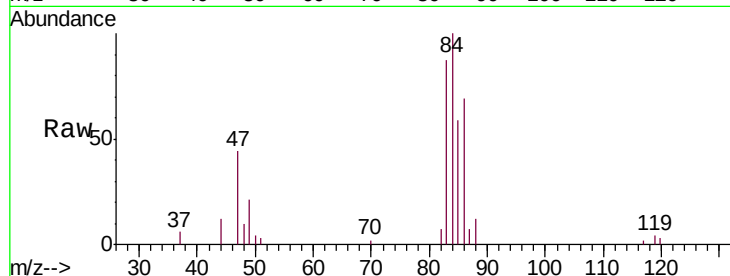
BEJG0

Tgt Ion: 83 Resp: 11398

Ion Ratio Lower Upper

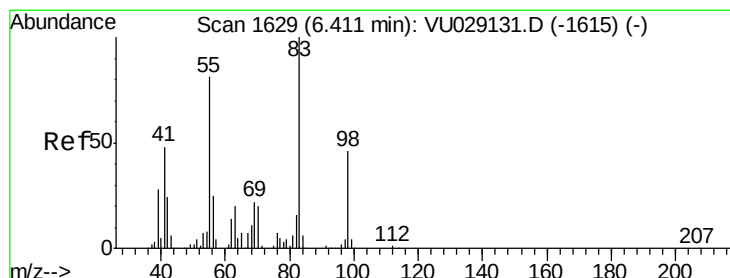
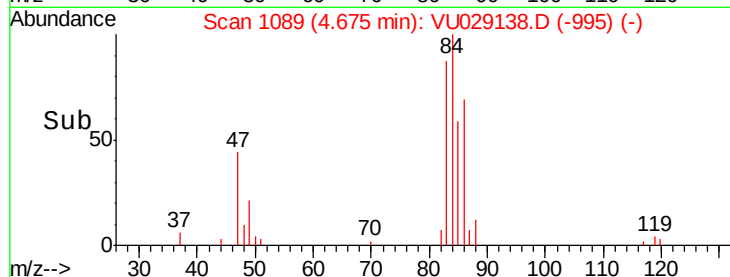
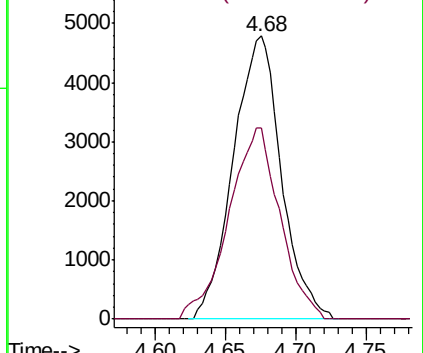
83 100

85 67.5 45.6 84.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU029138.D

Acq: 11 Jan 2019 13:07

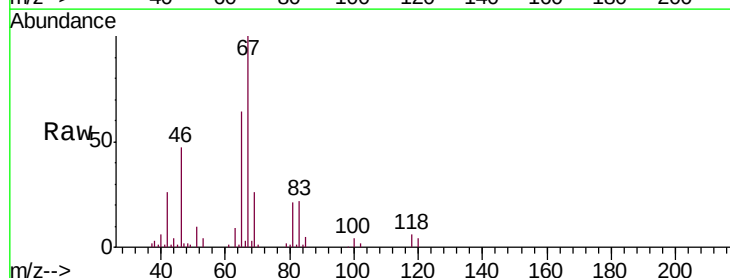
Tgt Ion: 83 Resp: 11318

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

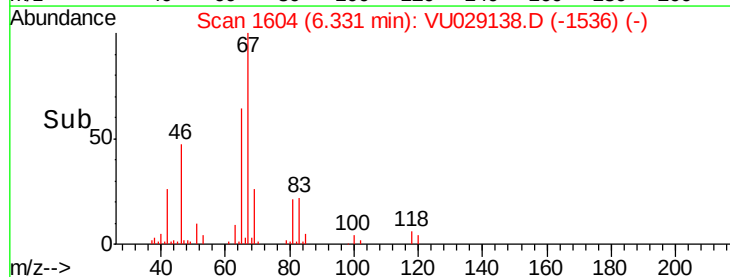
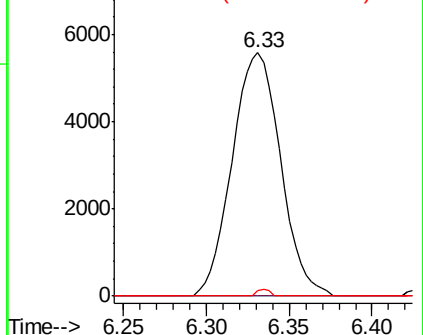
98 0.7 37.0 55.6#

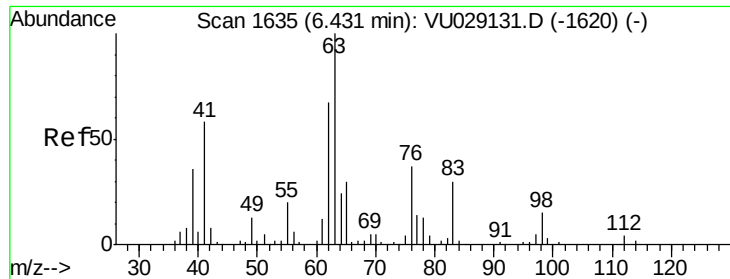


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

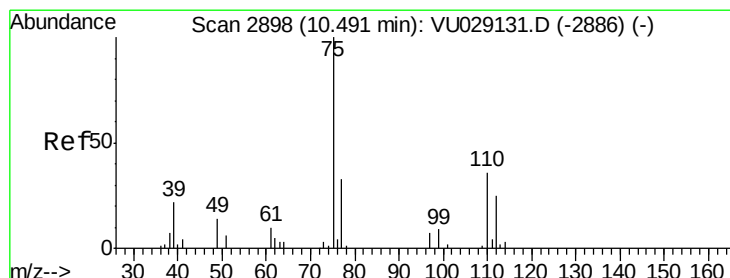
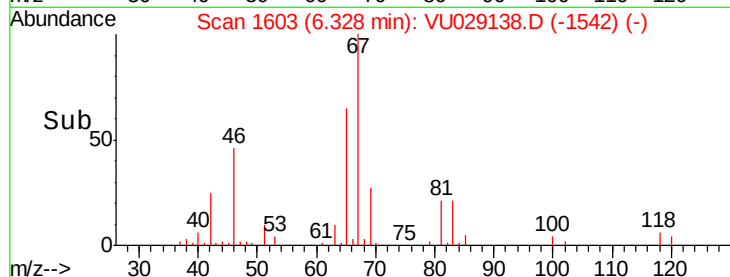
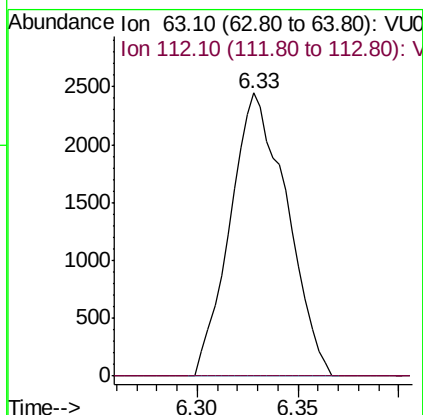
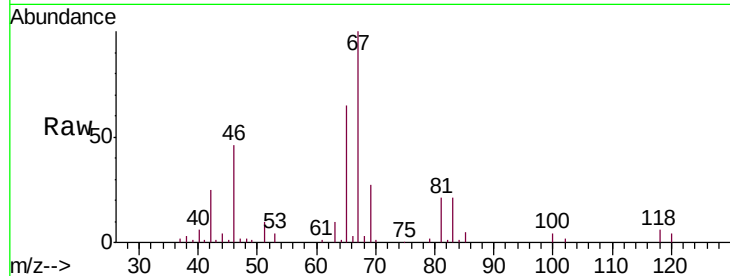




#37
 1,2-Dichloropropane
 Concen: 0.482 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU029138.D
 Acq: 11 Jan 2019 13:07

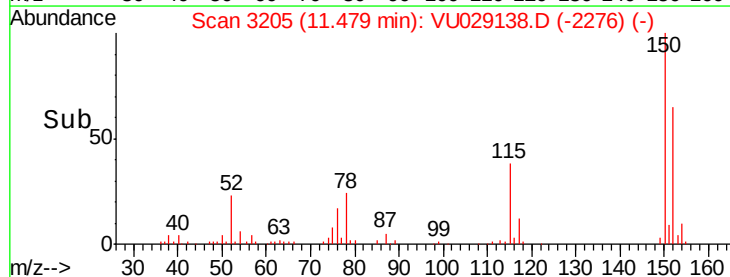
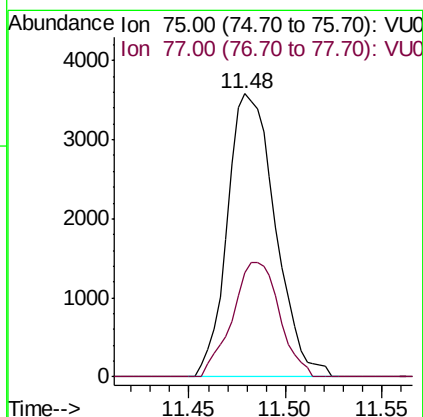
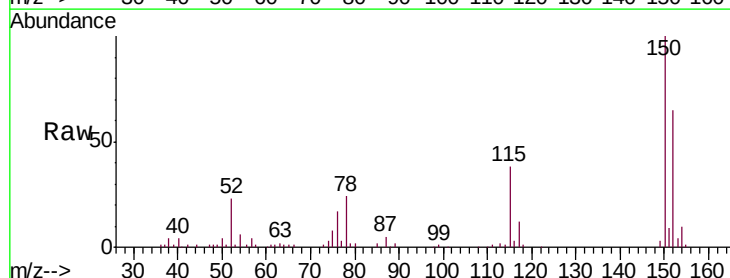
Instrument :
 MSVOA_U
 ClientSampled :
 BEJG0

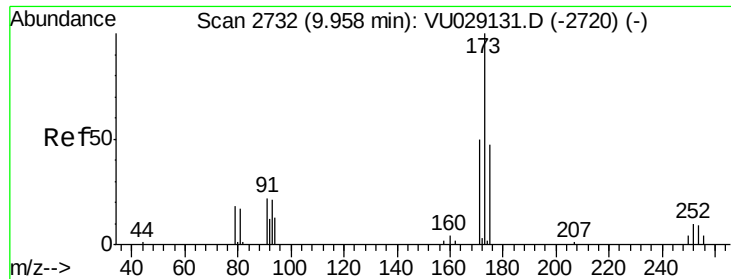
Tgt Ion: 63 Resp: 4801
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.0 4.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.060 ug/L
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.99 min
 Lab File: VU029138.D
 Acq: 11 Jan 2019 13:07

Tgt Ion: 75 Resp: 6153
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.0 39.0#





#61

Bromoform

Concen: 0.163 ug/L

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029138.D

Acq: 11 Jan 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

BEJG0

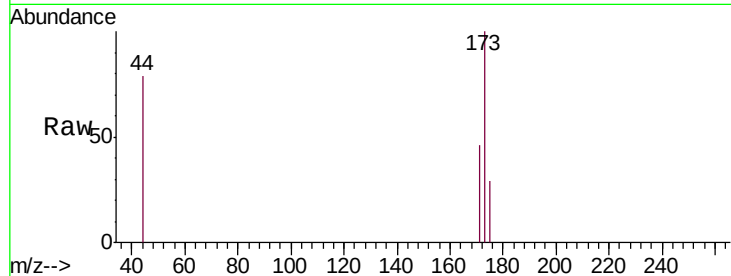
Tgt Ion:173 Resp: 588

Ion Ratio Lower Upper

173 100

175 40.8 35.4 53.2

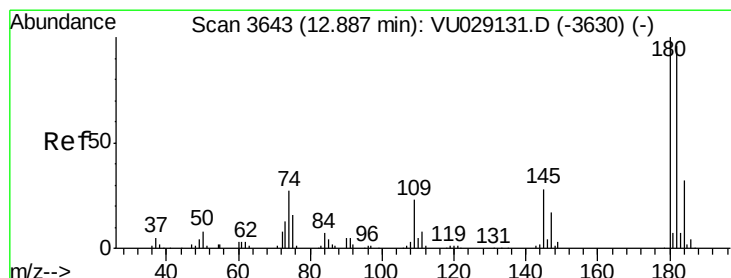
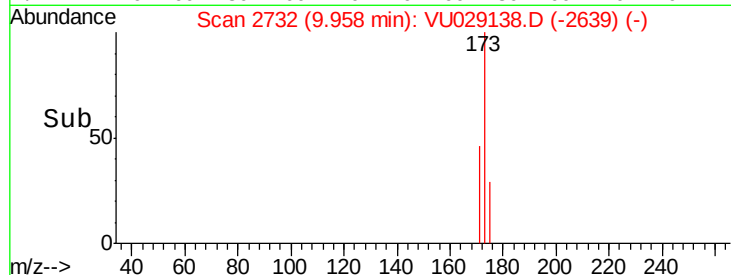
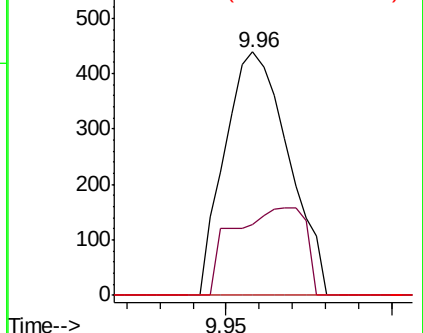
254 0.0 7.5 11.3#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#67

1,3,5-Trichlorobenzene

Concen: 0.084 ug/L

RT: 11.89 min Scan# 3334

Delta R.T. -0.99 min

Lab File: VU029138.D

Acq: 11 Jan 2019 13:07

Tgt Ion:180 Resp: 1157

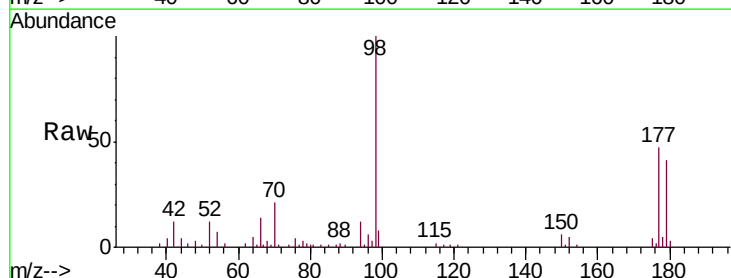
Ion Ratio Lower Upper

180 100

182 0.0 76.6 114.8#

184 0.0 24.4 36.6#

145 0.0 21.7 32.5#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

