

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026599.D
 Acq On : 06 Sep 2018 23:55
 Operator : MD/SY
 Sample : J4749-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB9

Quant Time: Sep 07 05:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	130709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	113118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52108	64.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.68%
7) Chloroethane-d5	1.68	69	46591	63.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.40%
11) 1,1-Dichloroethene-d2	2.27	63	70103	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.88%
21) 2-Butanone-d5	4.18	46	86603	137.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.78%#
24) Chloroform-d	4.65	84	88740	58.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.04%
26) 1,2-Dichloroethane-d4	5.31	65	61506	60.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.80%
32) Benzene-d6	5.34	84	173134	66.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.80%#
36) 1,2-Dichloropropane-d6	6.33	67	60823	67.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.82%#
41) Toluene-d8	7.57	98	135874	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	7.85	79	22481	54.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.94%
47) 2-Hexanone-d5	8.31	63	55060	134.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.04%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78097	59.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	45554	61.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.78%#

Target Compounds

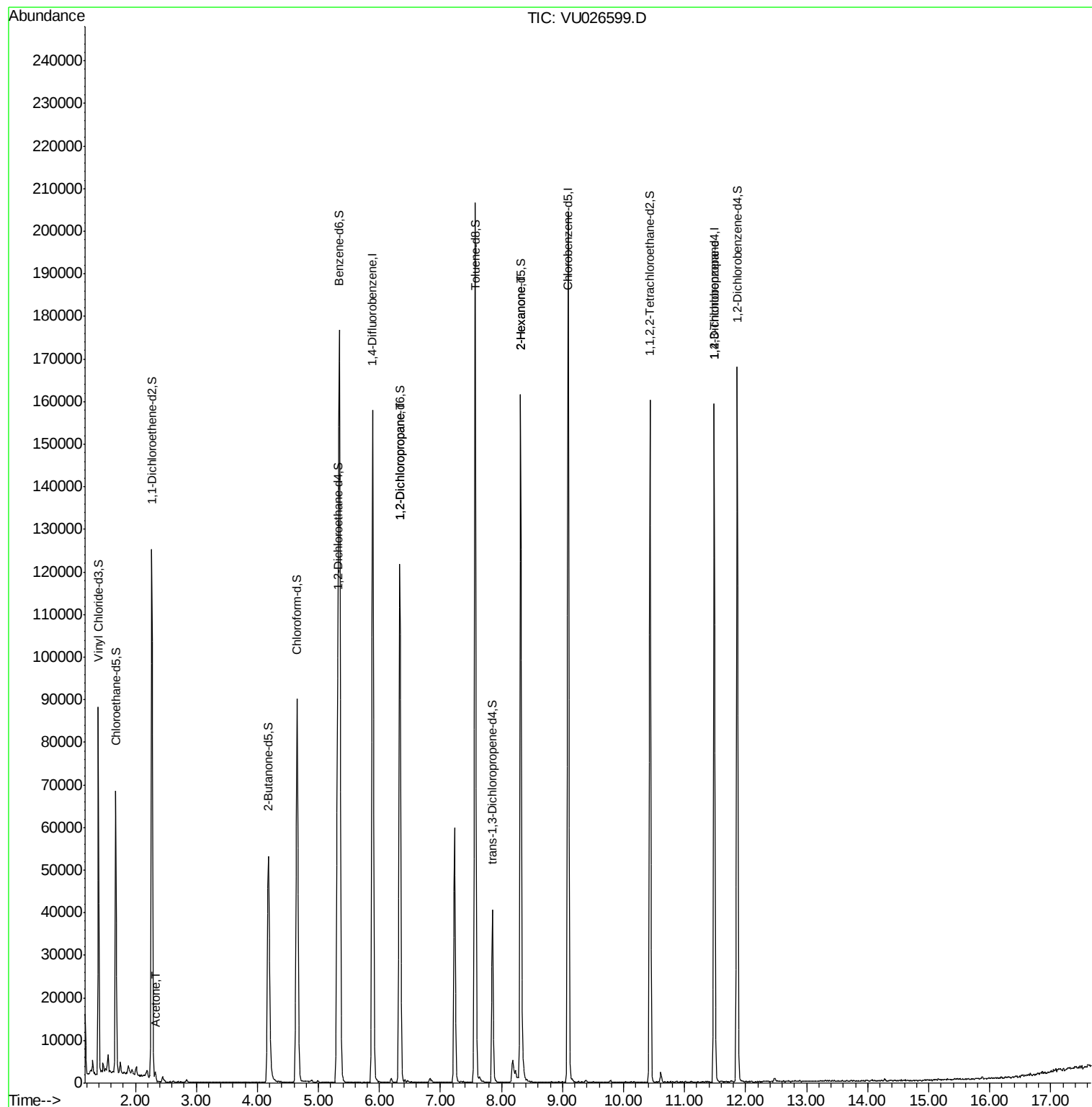
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	1872	3.439	ug/L	98
37) 1,2-Dichloropropane	6.33	63	6212	6.919	ug/L #	88
48) 2-Hexanone	8.31	43	6454	6.768	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	4841	4.321	ug/L #	87

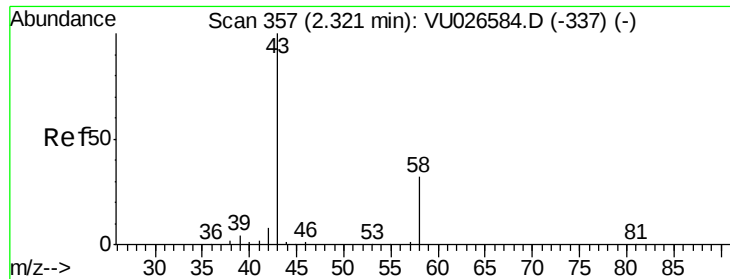
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.439 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026599.D

Acq: 06 Sep 2018 23:55

Instrument :

MSVOA_U

ClientSampleId :

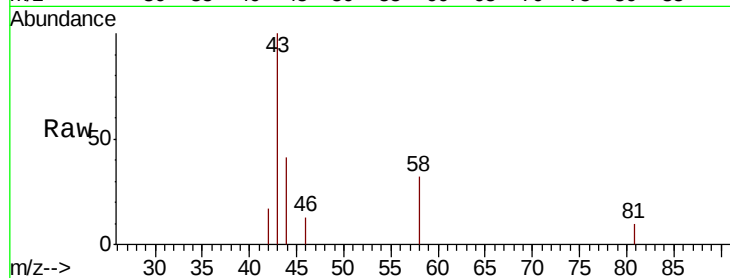
E5FB9

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

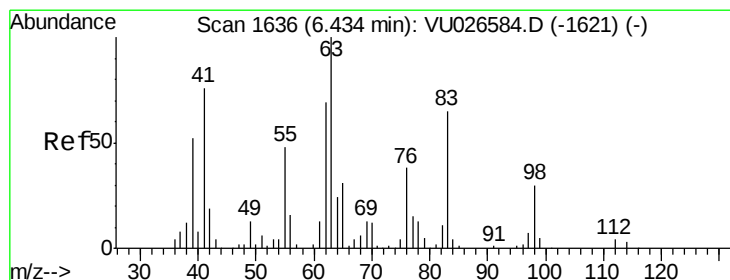
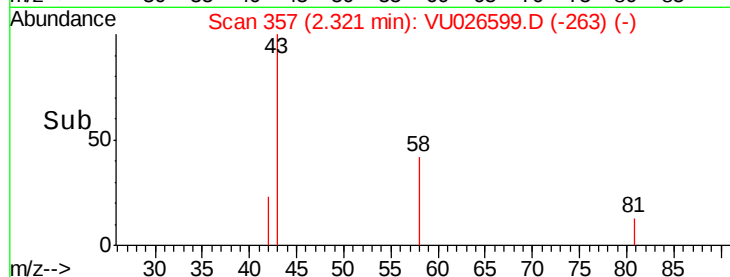
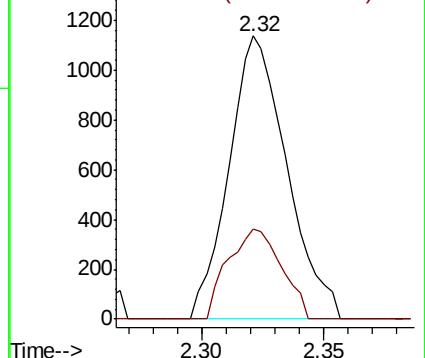
43 100

58 29.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 6.919 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026599.D

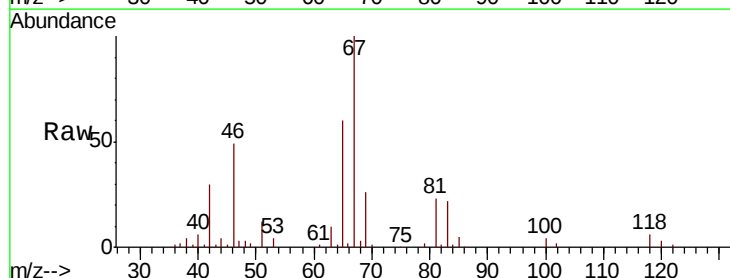
Acq: 06 Sep 2018 23:55

Tgt Ion: 63 Resp: 6212

Ion Ratio Lower Upper

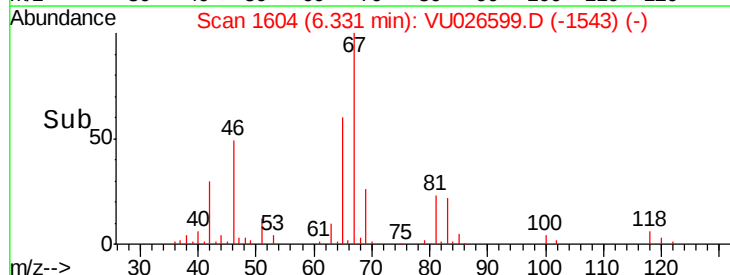
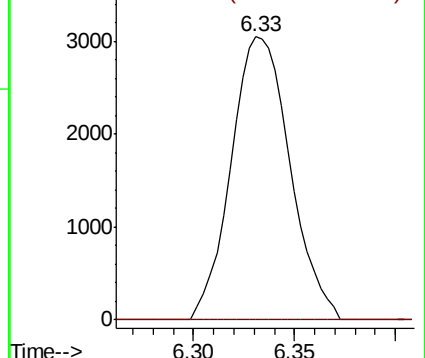
63 100

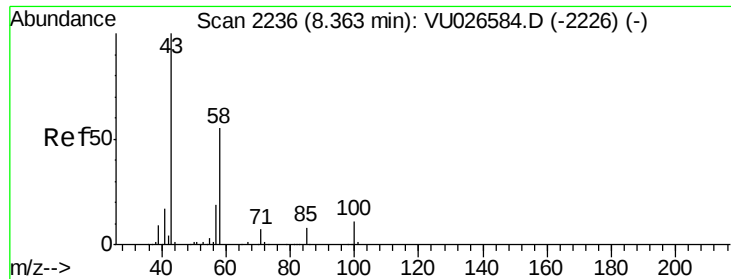
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

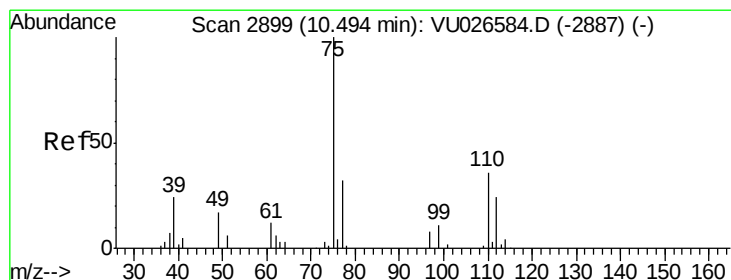
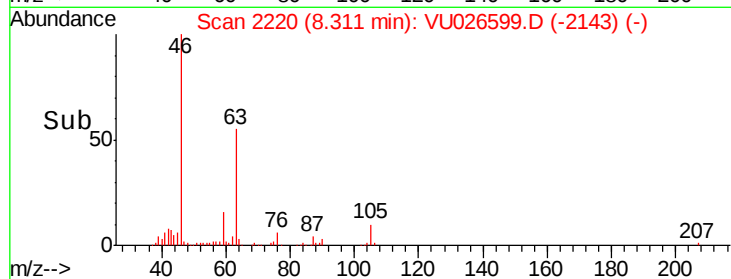
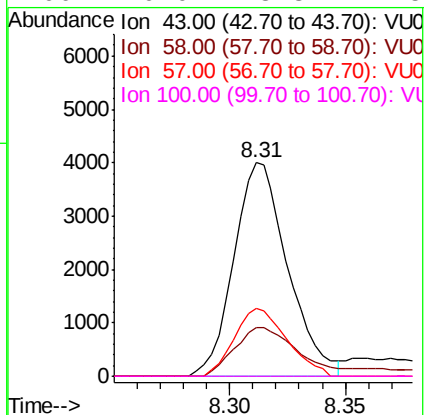
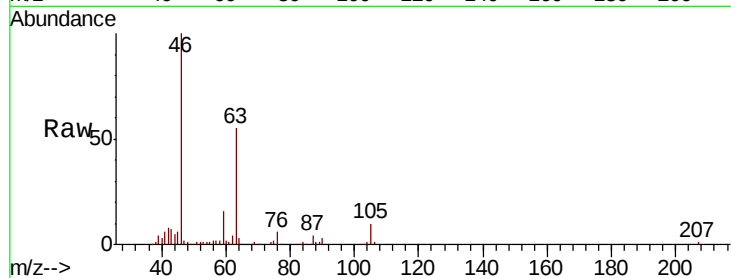




#48
 2-Hexanone
 Concen: 6.768 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 6454
 Ion Ratio Lower Upper
 43 100
 58 26.9 42.2 63.4#
 57 31.0 14.6 21.8#
 100 0.0 8.3 12.5#



#59
 1,2,3-Trichloropropane
 Concen: 4.321 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026599.D
 Acq: 06 Sep 2018 23:55

Tgt Ion: 75 Resp: 4841
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.0 37.6#

