

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025554.D
 Acq On : 20 Jul 2018 20:03
 Operator : MD/SY
 Sample : J4097-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:54:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79046	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.08%
7) Chloroethane-d5	1.68	69	67855	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	130395	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	4.18	46	146102	104.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	4.65	84	183646	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
26) 1,2-Dichloroethane-d4	5.31	65	125658	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.35	84	355985	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.34	67	115957	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	333303	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.85	79	56500	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.31	63	108582	108.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156975	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	133638	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

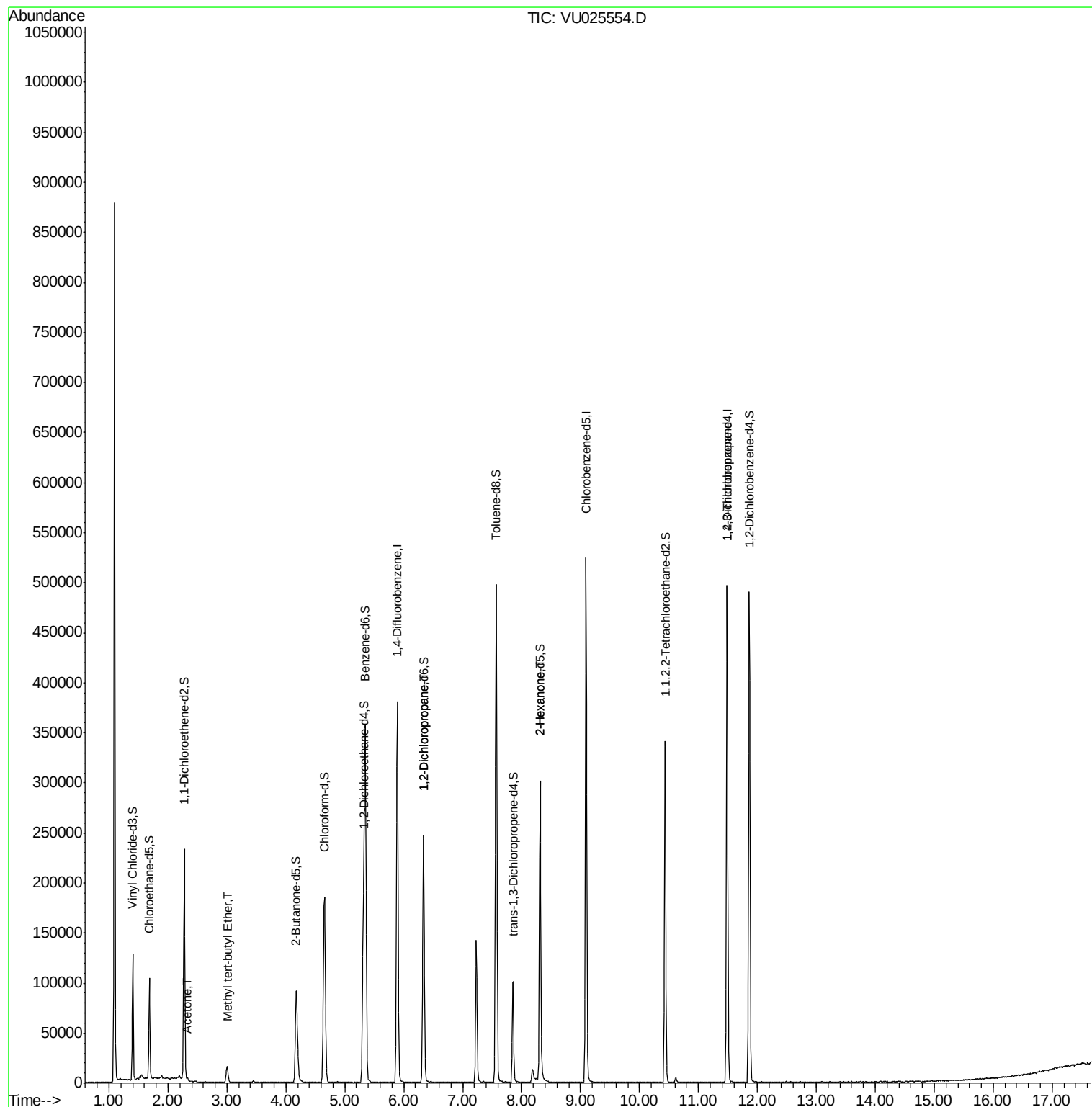
					Ovalue
13) Acetone	2.32	43	2204	1.340 ug/L	86
18) Methyl tert-butyl Ether	3.00	73	17469	2.596 ug/L	97
37) 1,2-Dichloropropane	6.34	63	13763	6.050 ug/L #	88
48) 2-Hexanone	8.31	43	13072	5.179 ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	15010	5.618 ug/L #	85

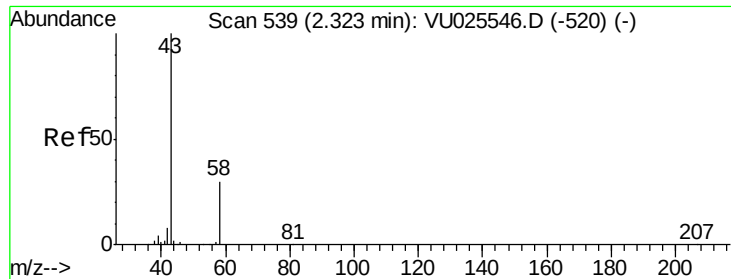
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.340 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025554.D

Acq: 20 Jul 2018 20:03

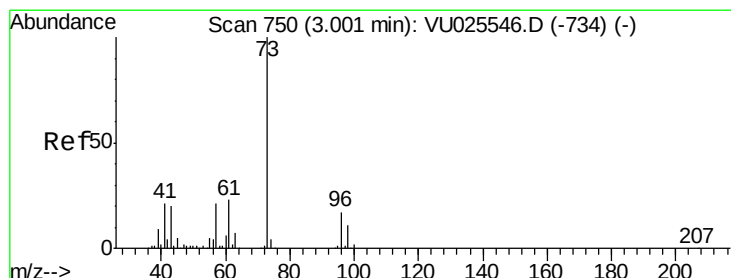
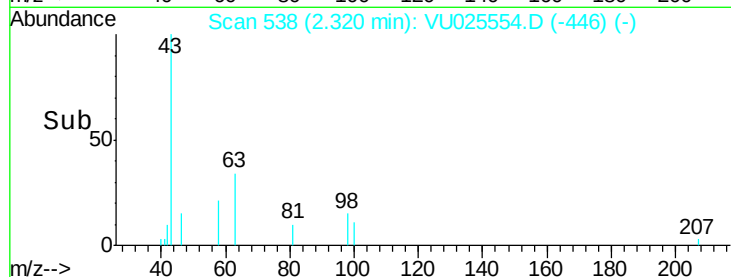
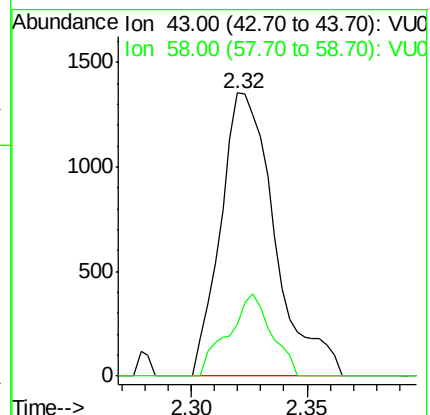
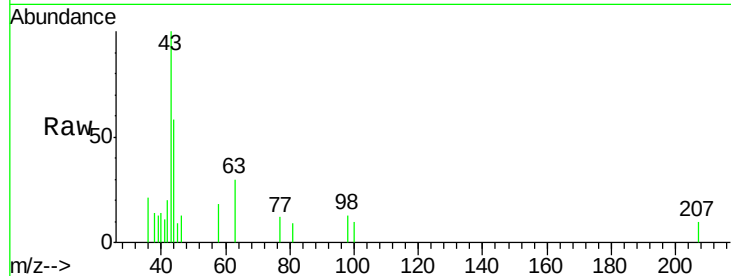
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2204

Ion Ratio Lower Upper

43 100

58 23.0 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 2.596 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025554.D

Acq: 20 Jul 2018 20:03

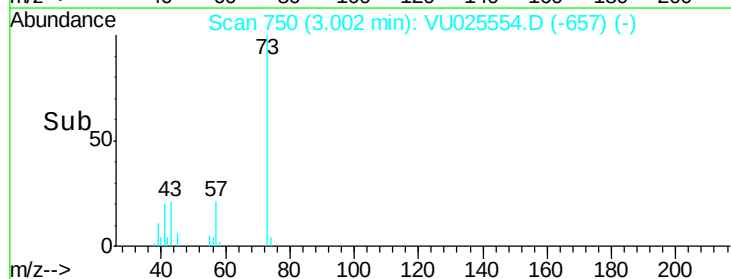
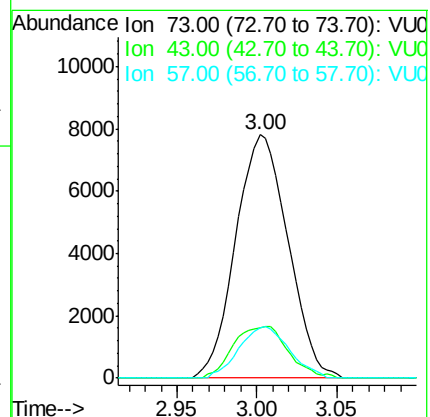
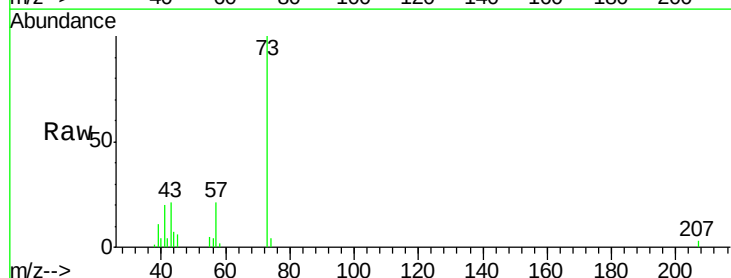
Tgt Ion: 73 Resp: 17469

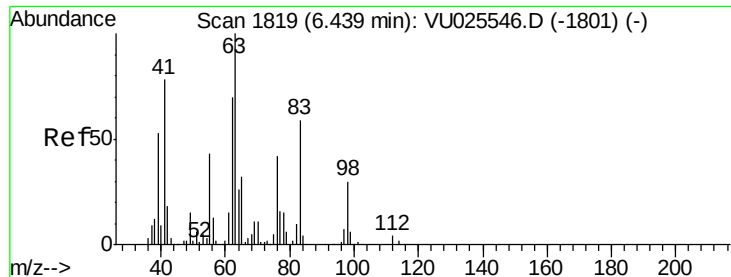
Ion Ratio Lower Upper

73 100

43 22.1 16.2 24.2

57 20.3 17.1 25.7

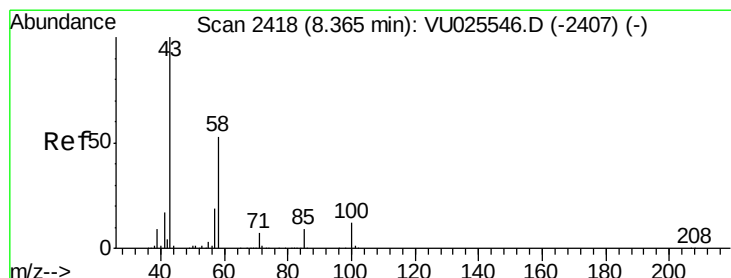
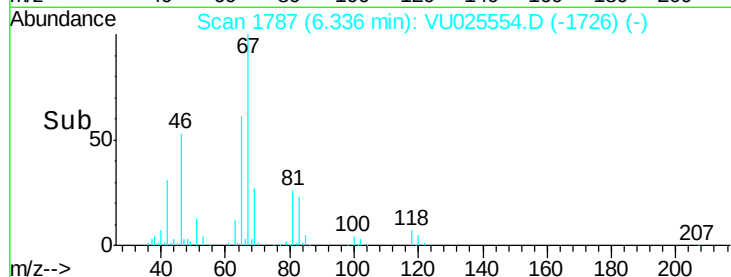
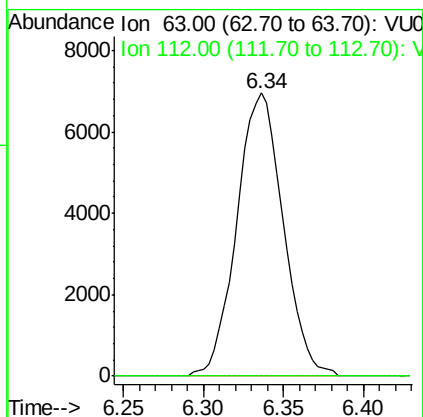
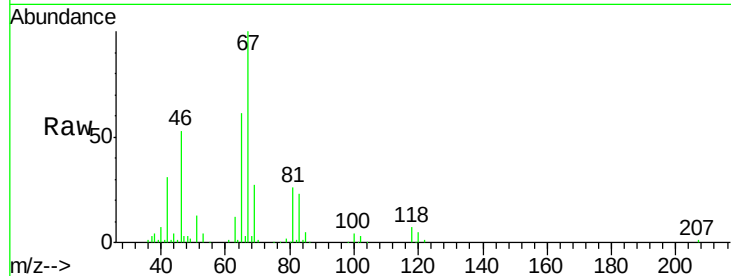




#37
 1,2-Dichloropropane
 Concen: 6.050 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025554.D
 Acq: 20 Jul 2018 20:03

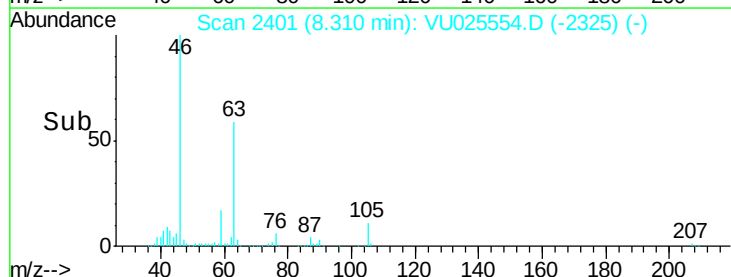
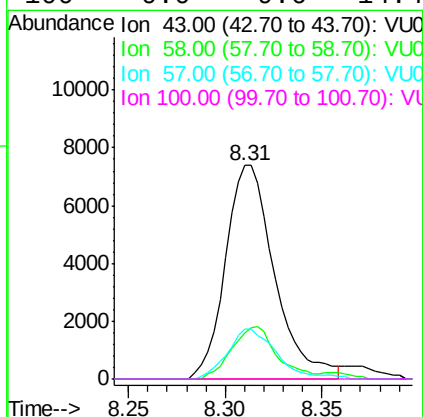
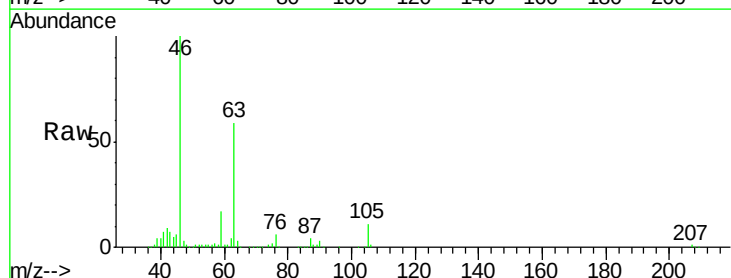
Instrument :
 MSVOA_U
 ClientSampleId :

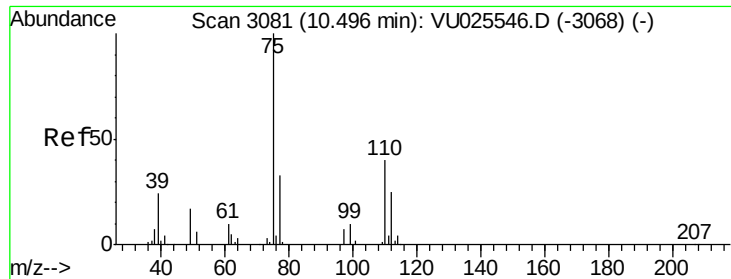
Tot Ion: 63 Resp: 13763
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#48
 2-Hexanone
 Concen: 5.179 ug/L
 RT: 8.31 min Scan# 2401
 Delta R.T. -0.05 min
 Lab File: VU025554.D
 Acq: 20 Jul 2018 20:03

Tgt Ion: 43 Resp: 13072
 Ion Ratio Lower Upper
 43 100
 58 22.6 42.9 64.3#
 57 23.1 15.4 23.2
 100 0.0 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 5.618 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025554.D

Acq: 20 Jul 2018 20:03

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15010

Ion Ratio Lower Upper

75 100

77 40.5 25.8 38.8#

