

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026015.D
 Acq On : 09 Aug 2018 23:17
 Operator : MD/SY
 Sample : J4401-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 07:42:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	290560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	116659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79342	37.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.72%
7) Chloroethane-d5	1.68	69	69412	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.44%
11) 1,1-Dichloroethene-d2	2.27	63	120379	29.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.66%#
21) 2-Butanone-d5	4.18	46	157251	88.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.84%
24) Chloroform-d	4.65	84	192107	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
26) 1,2-Dichloroethane-d4	5.31	65	135324	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.35	84	365376	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	122090	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.36%
41) Toluene-d8	7.57	98	324554	40.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.34%
43) trans-1,3-Dichloropropene-	7.85	79	57675	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.78%
47) 2-Hexanone-d5	8.31	63	108299	87.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174254	43.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	130824	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%

Target Compounds

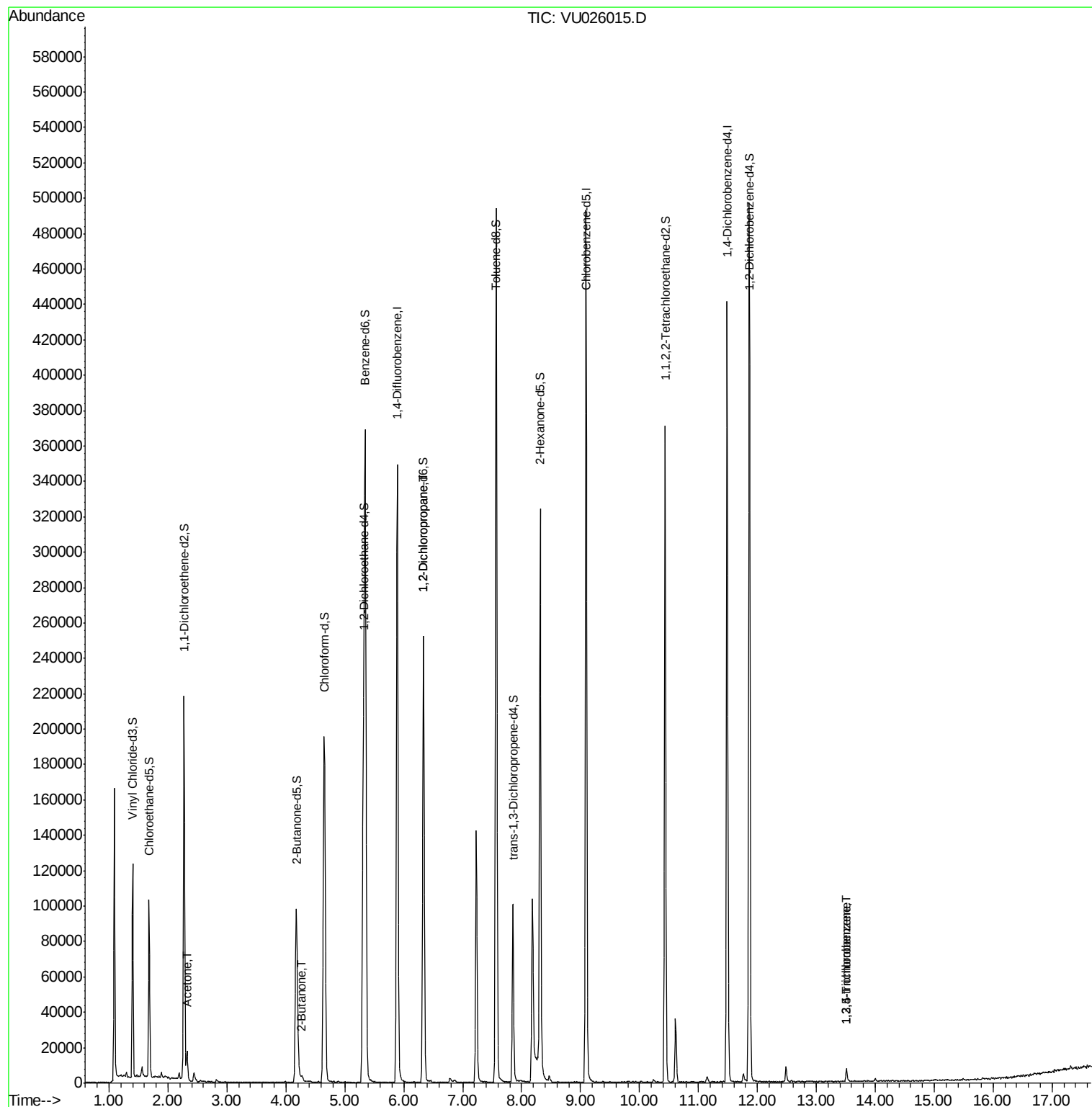
					Ovalue
13) Acetone	2.32	43	15691	14.269 ug/L	98
22) 2-Butanone	4.27	43	4396	2.763 ug/L	77
37) 1,2-Dichloropropane	6.33	63	13533	6.385 ug/L #	88
67) 1,3,5-Trichlorobenzene	13.51	180	3334	1.228 ug/L	91
68) 1,2,4-trichlorobenzene	13.51	180	3334	1.452 ug/L #	91

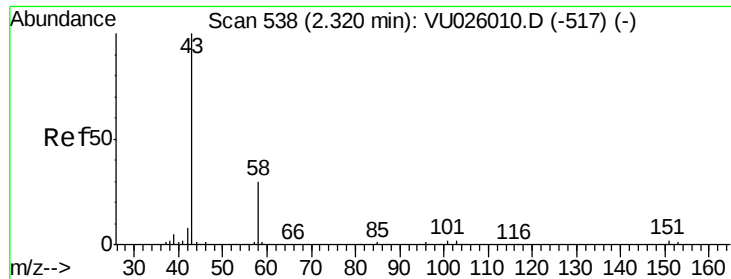
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.269 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026015.D

Acq: 09 Aug 2018 23:17

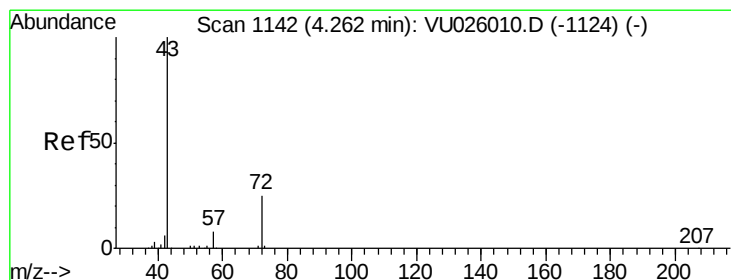
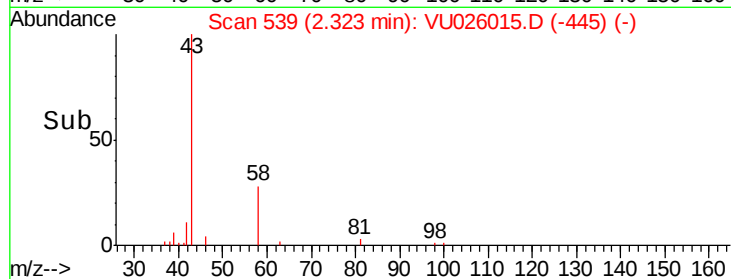
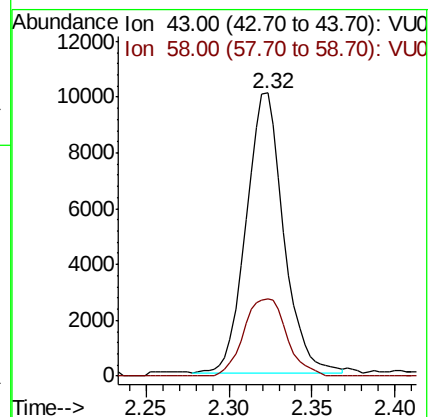
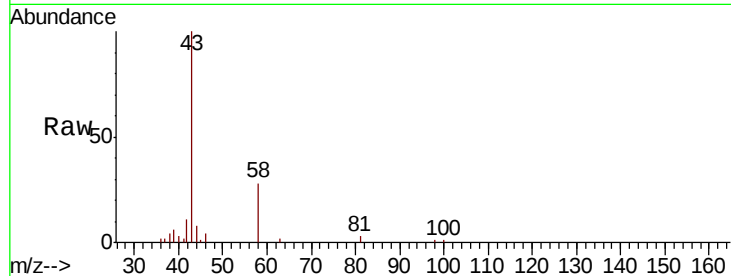
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 15691

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.8



#22

2-Butanone

Concen: 2.763 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU026015.D

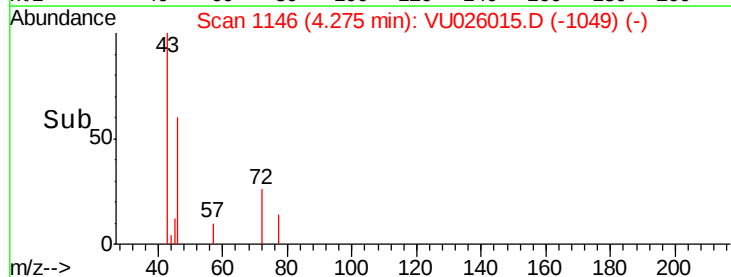
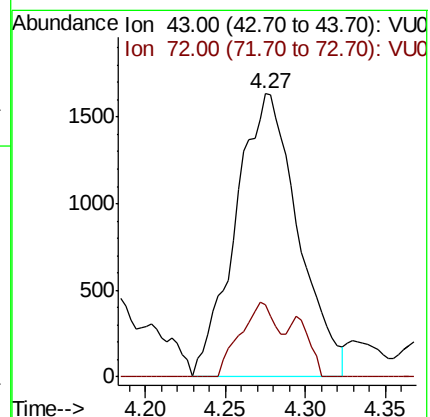
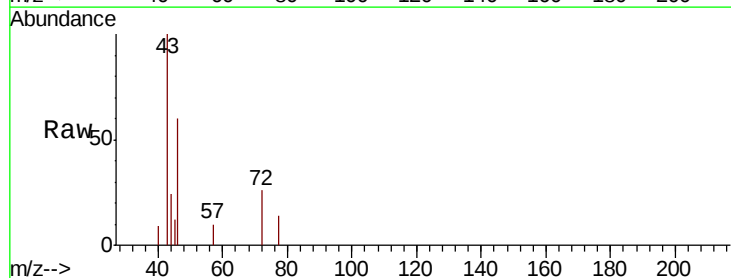
Acq: 09 Aug 2018 23:17

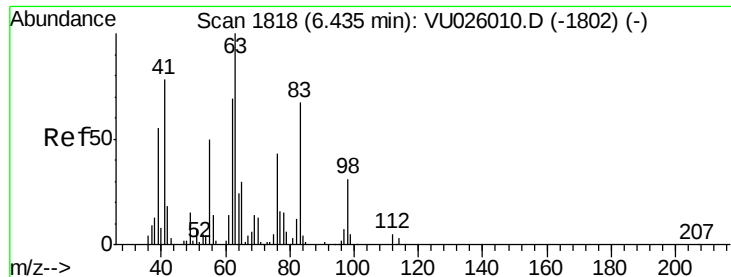
Tgt Ion: 43 Resp: 4396

Ion Ratio Lower Upper

43 100

72 14.9 13.5 40.5





#37

1,2-Dichloropropane

Concen: 6.385 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026015.D

Acq: 09 Aug 2018 23:17

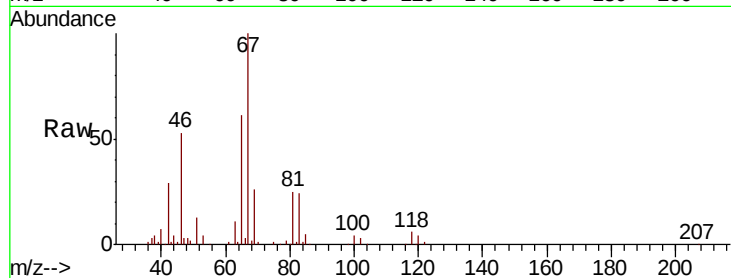
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 13533

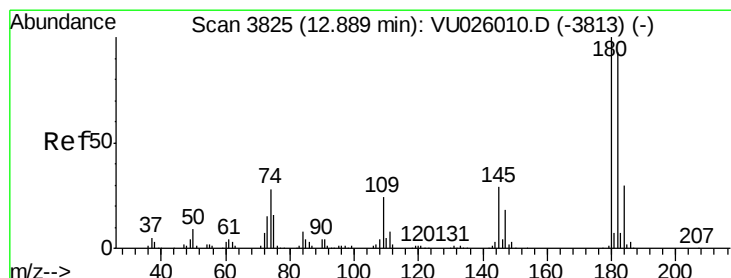
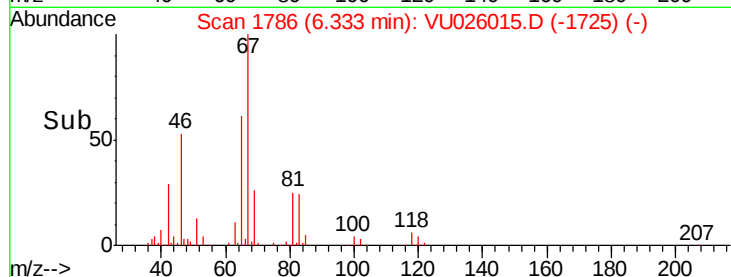
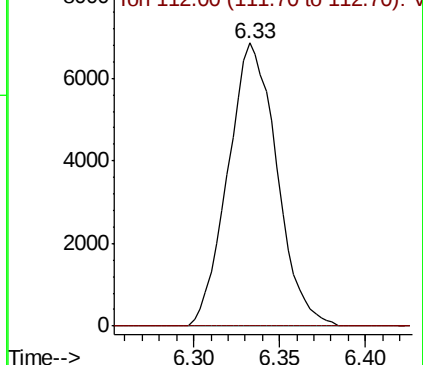
Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU026015.D (-1725) (-)



#67

1,3,5-Trichlorobenzene

Concen: 1.228 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.62 min

Lab File: VU026015.D

Acq: 09 Aug 2018 23:17

Tgt Ion: 180 Resp: 3334

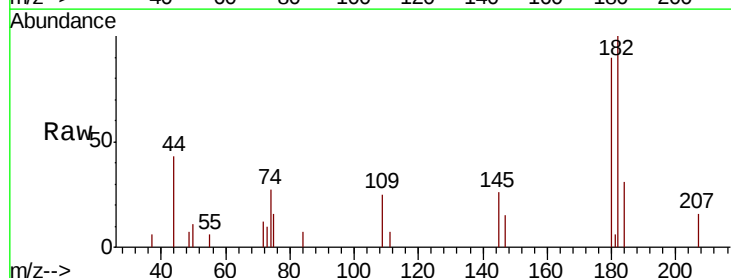
Ion Ratio Lower Upper

180 100

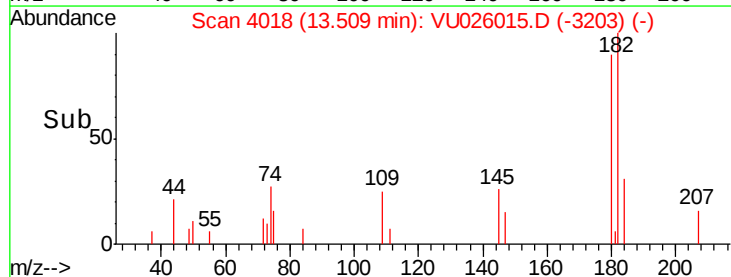
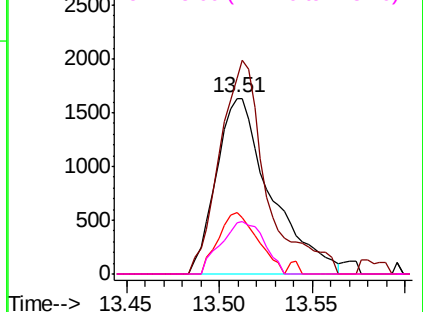
182 103.7 76.5 114.7

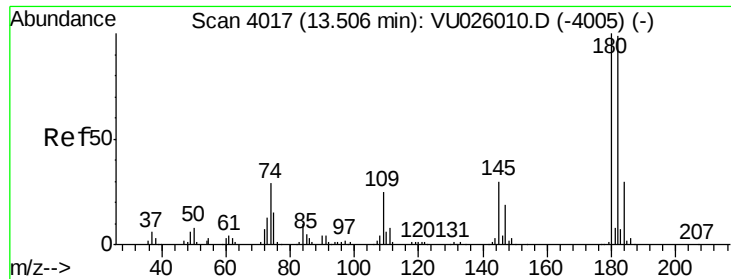
184 25.2 24.3 36.5

145 23.6 23.5 35.3



Abundance Ion 180.00 (179.70 to 180.70): VU026015.D (-3203) (-)





#68
 1,2,4-trichlorobenzene
 Concen: 1.452 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026015.D
 Acq: 09 Aug 2018 23:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.7	76.5	114.7
145	23.6	24.2	36.4

