

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032792.D
 Acq On : 17 Jun 2019 18:58
 Operator : JC/SP
 Sample : K3324-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR3

Quant Time: Jun 18 04:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	219198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61491	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.68	69	52912	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.27	63	96453	31.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.04%
21) 2-Butanone-d5	4.17	46	139199	108.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	4.64	84	131989	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	5.30	65	93804	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
32) Benzene-d6	5.33	84	259249	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.32	67	86760	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.56	98	236732	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	7.84	79	41981	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.31	63	102276	120.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130973	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	101354	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds

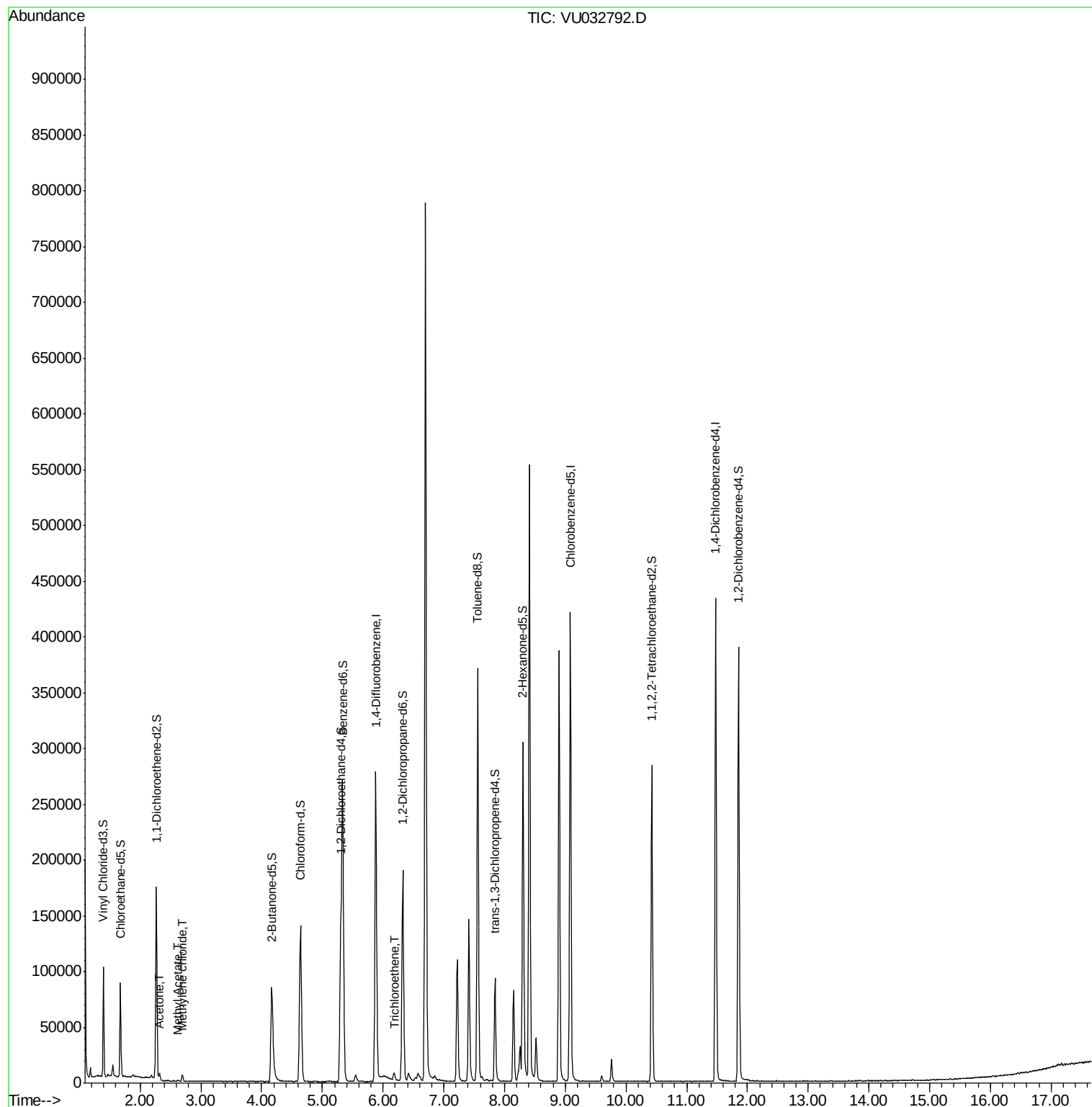
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	4998	2.816	ug/L	94
15) Methyl Acetate	2.62	43	1752	0.871	ug/L #	84
16) Methylene chloride	2.69	84	2147	1.286	ug/L	96
34) Trichloroethene	6.18	95	1964	1.164	ug/L	89

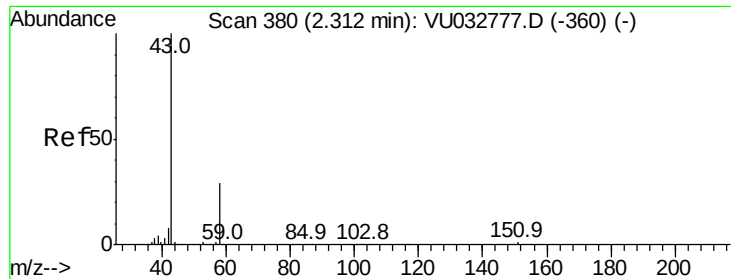
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.816 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032792.D

Acq: 17 Jun 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

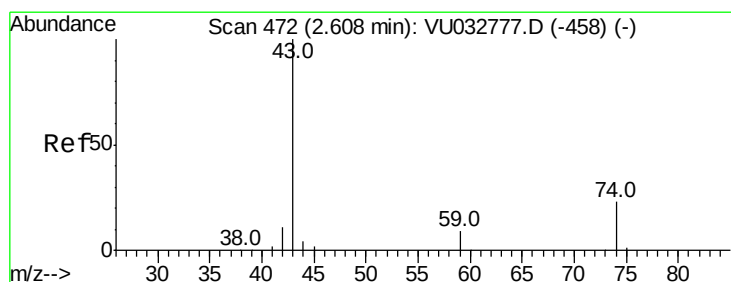
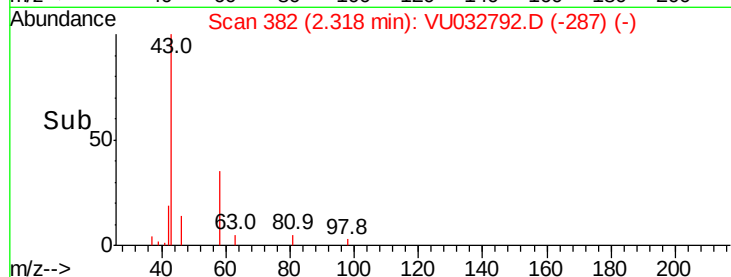
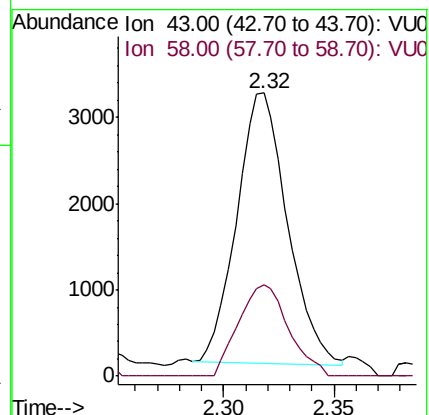
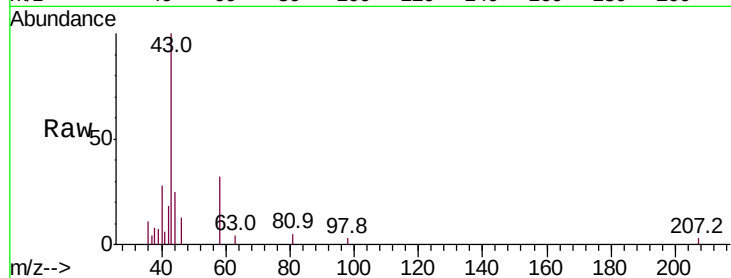
C0JR3

Tot Ion: 43 Resp: 4998

Ion Ratio Lower Upper

43 100

58 33.3 0.0 60.6



#15

Methyl Acetate

Concen: 0.871 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032792.D

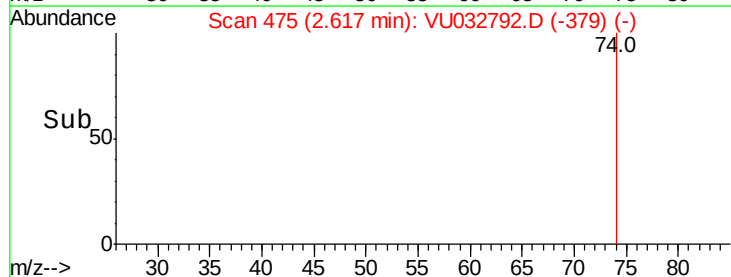
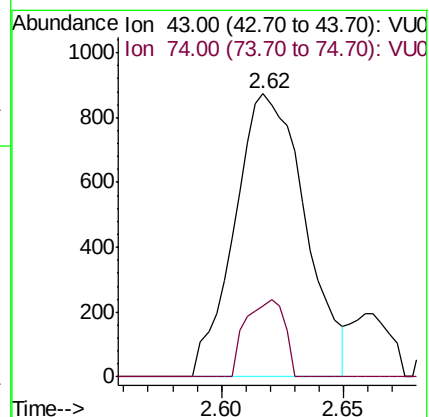
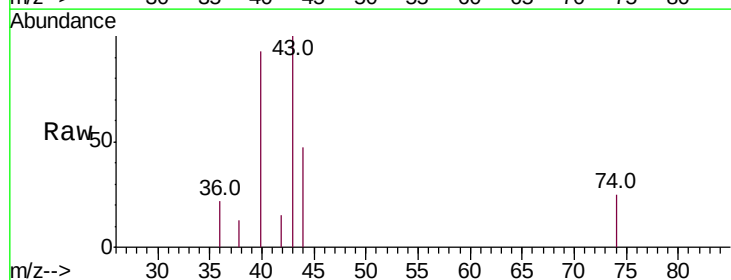
Acq: 17 Jun 2019 18:58

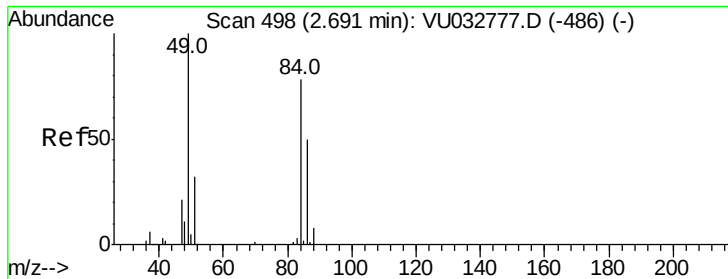
Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

74 14.9 18.1 27.1#

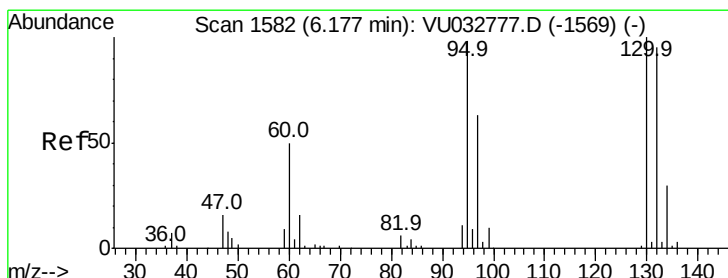
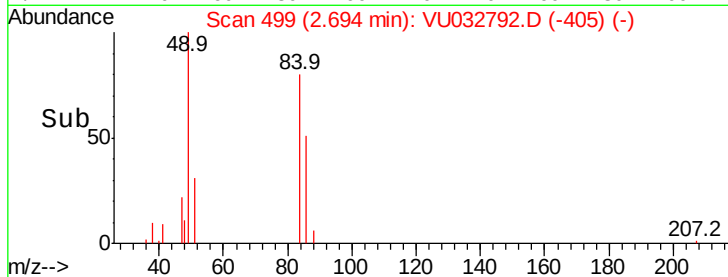
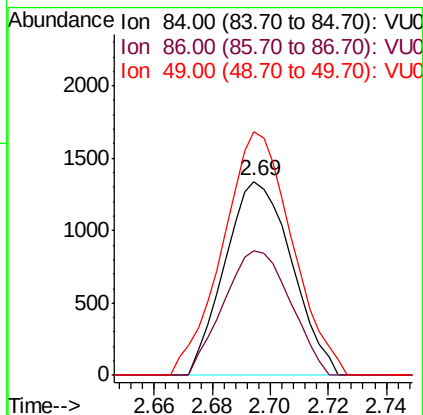
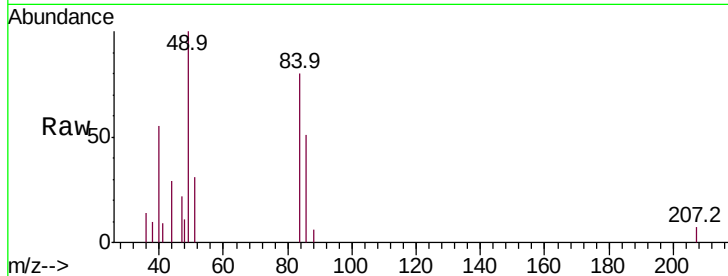




#16
Methylene chloride
Concen: 1.286 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
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Instrument :
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ClientSampleId :
C0JR3

Tot Ion: 84 Resp: 2147
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 125.4 92.1 171.1



#34
Trichloroethene
Concen: 1.164 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032792.D
Acq: 17 Jun 2019 18:58

Tgt Ion: 95 Resp: 1964
Ion Ratio Lower Upper
95 100
97 71.5 45.9 85.3
132 111.2 68.5 127.3
130 89.7 70.8 131.4

