

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033571.D
 Acq On : 02 Aug 2019 15:43
 Operator : JC/SP
 Sample : K4117-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLLH4

Quant Time: Aug 03 01:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:39:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	281561	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283912	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	143863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126926	62.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.00%
7) Chloroethane-d5	1.67	69	107362	61.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.26%
11) 1,1-Dichloroethene-d2	2.26	63	166451	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
21) 2-Butanone-d5	4.14	46	203498	150.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.09%#
24) Chloroform-d	4.62	84	199615	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.34%
26) 1,2-Dichloroethane-d4	5.29	65	133006	61.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.42%
32) Benzene-d6	5.32	84	422031	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	134325	60.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.76%#
41) Toluene-d8	7.55	98	373822	56.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.36%
43) trans-1,3-Dichloropropene-	7.83	79	61096	55.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.64%
47) 2-Hexanone-d5	8.29	63	151215	144.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	144.36%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	207223	60.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.82%#
64) 1,2-Dichlorobenzene-d4	11.85	152	150916	57.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.58%

Target Compounds

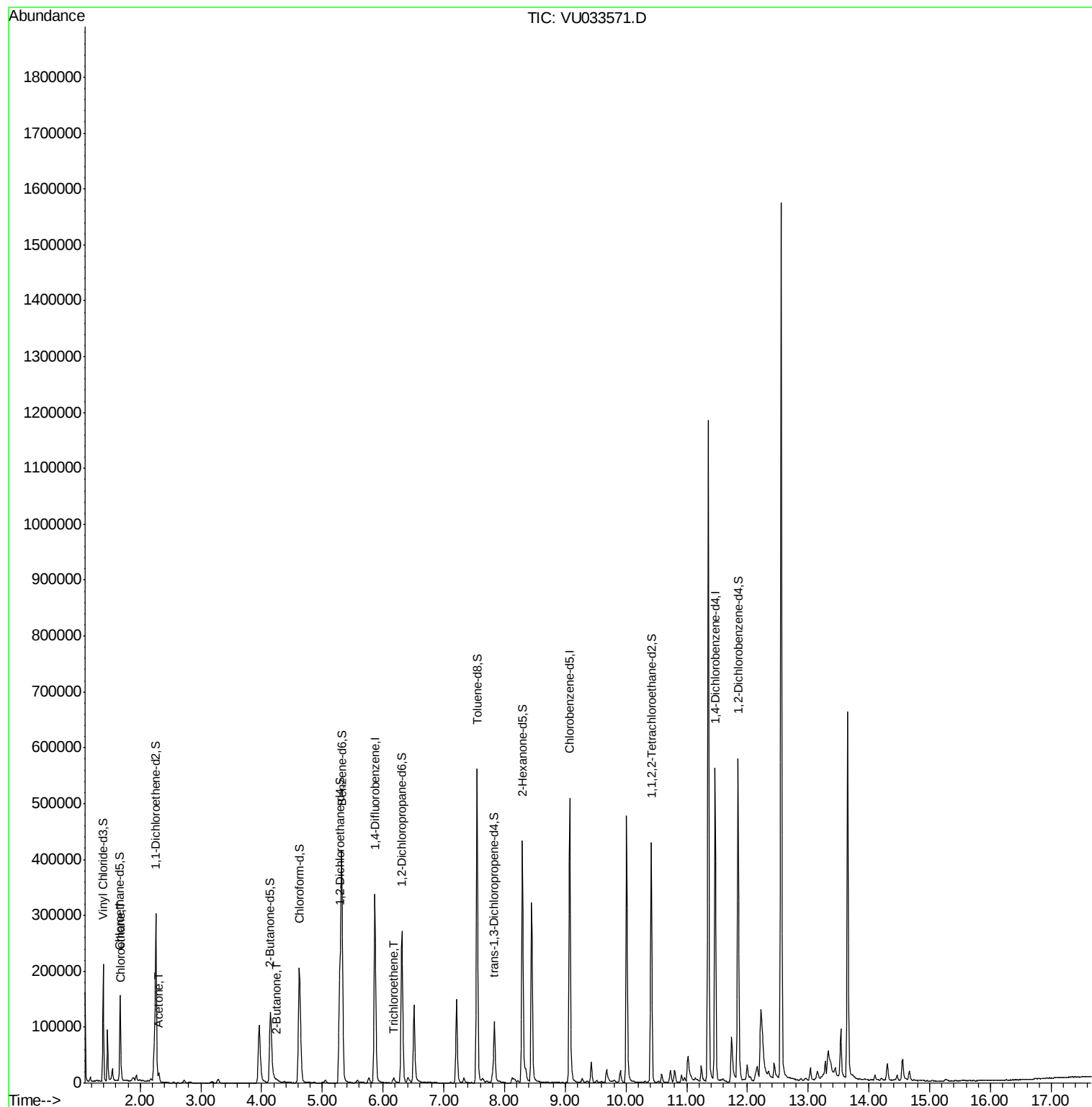
					Ovalue
8) Chloroethane	1.69	64	2891	1.659 ug/L	92
13) Acetone	2.31	43	16673	12.019 ug/L	98
22) 2-Butanone	4.25	43	5705	3.445 ug/L #	59
34) Trichloroethene	6.17	95	2734	1.265 ug/L	89

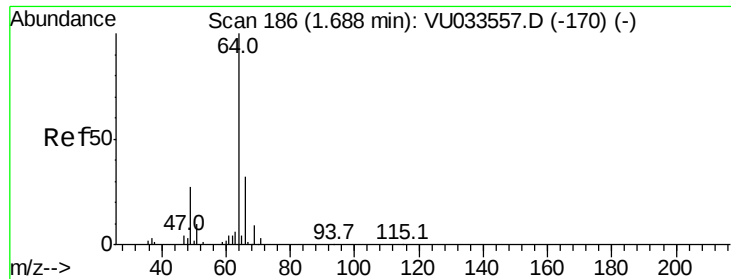
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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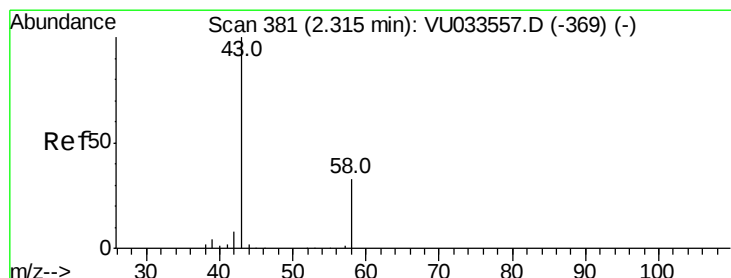
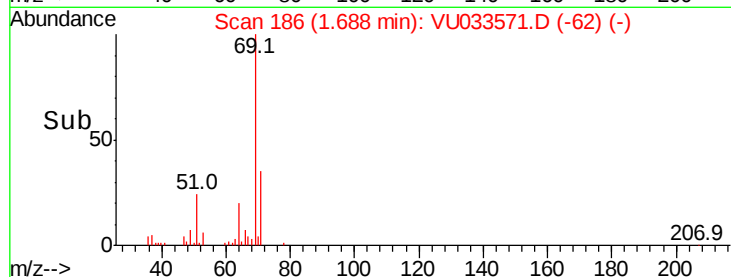
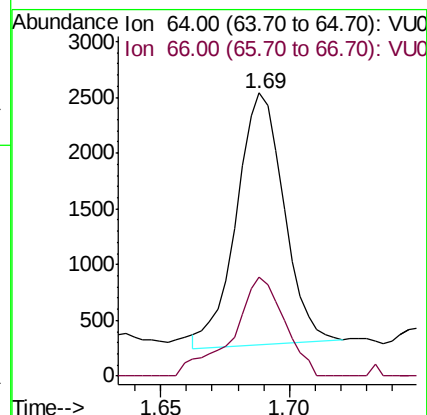
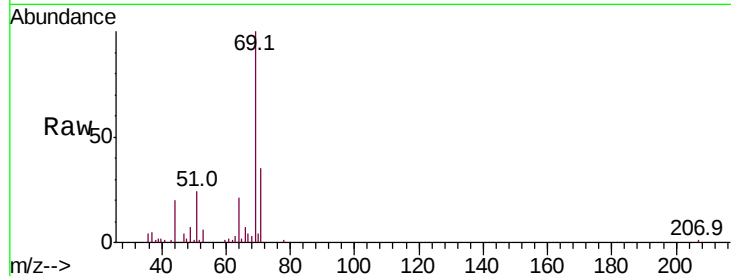




#8
Chloroethane
Concen: 1.659 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033571.D
Acq: 02 Aug 2019 15:43

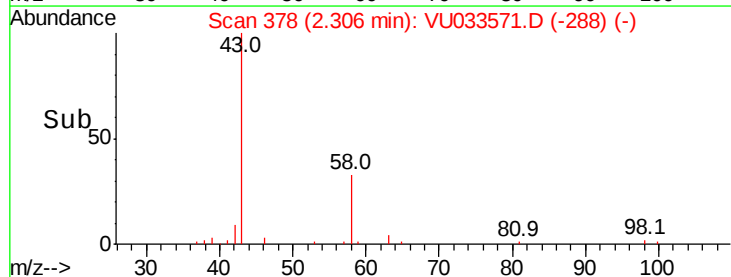
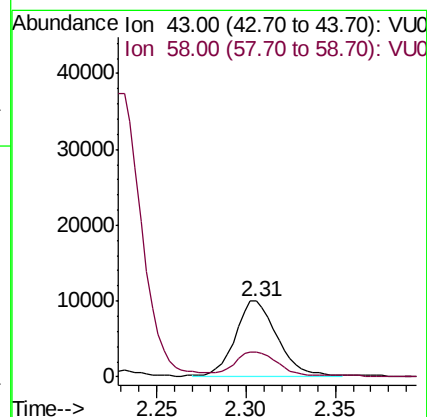
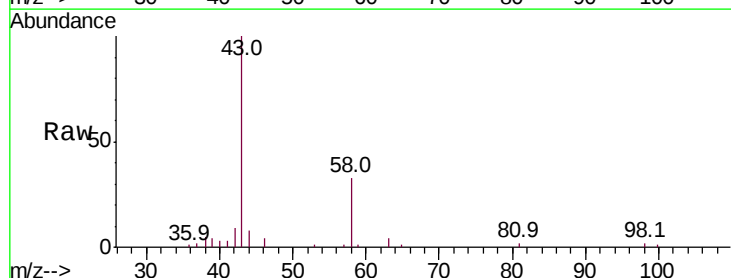
Instrument :
MSVOA_U
ClientSampleId :
JLLH4

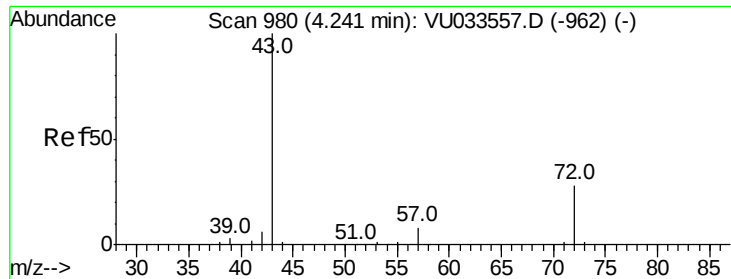
Tot Ion: 64 Resp: 2891
Ion Ratio Lower Upper
64 100
66 34.8 21.1 39.3



#13
Acetone
Concen: 12.019 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033571.D
Acq: 02 Aug 2019 15:43

Tgt Ion: 43 Resp: 16673
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.2





#22

2-Butanone

Concen: 3.445 ug/L

RT: 4.25 min Scan# 982

Delta R.T. 0.01 min

Lab File: VU033571.D

Acq: 02 Aug 2019 15:43

Instrument :

MSVOA_U

ClientSampled :

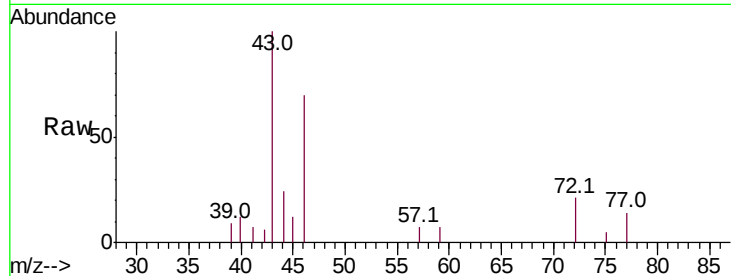
JLLH4

Tot Ion: 43 Resp: 5705

Ion Ratio Lower Upper

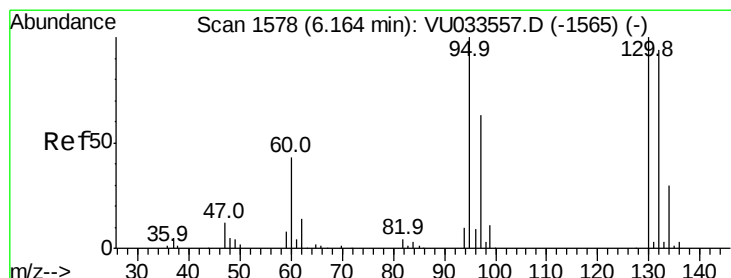
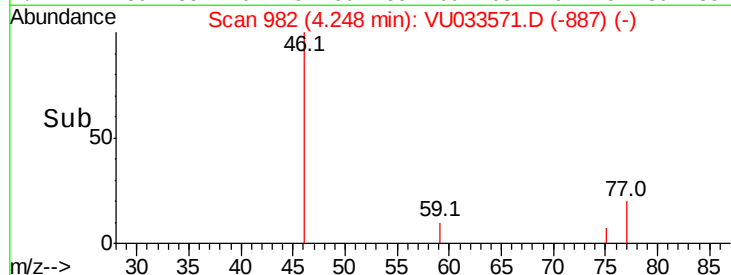
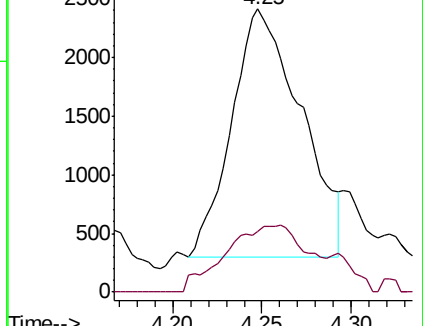
43 100

72 6.6 14.2 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VU033571.D (-962) (-)

Ion 72.00 (71.70 to 72.70): VU033571.D (-962) (-)



#34

Trichloroethene

Concen: 1.265 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VU033571.D

Acq: 02 Aug 2019 15:43

Tgt Ion: 95 Resp: 2734

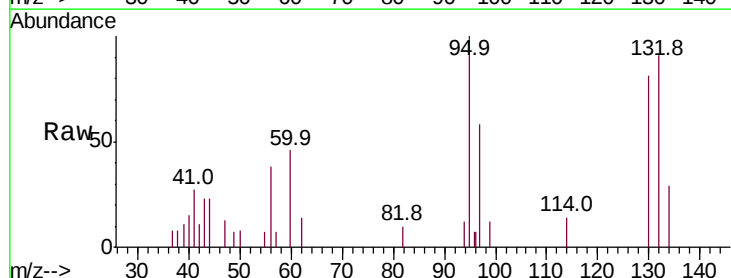
Ion Ratio Lower Upper

95 100

97 58.4 44.7 83.1

132 91.2 66.8 124.0

130 81.4 71.6 133.0



Abundance Ion 95.00 (94.70 to 95.70): VU033571.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VU033571.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VU033571.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VU033571.D (-1565) (-)

