

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033573.D
 Acq On : 02 Aug 2019 16:29
 Operator : JC/SP
 Sample : K4117-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLLH4

Quant Time: Aug 03 01:41:57 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	5.87	114	261415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	261839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76951	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.98%
7) Chloroethane-d5	1.67	69	65544	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.38%
11) 1,1-Dichloroethene-d2	2.26	63	99023	28.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.42%#
21) 2-Butanone-d5	4.14	46	130897	103.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	4.62	84	126200	39.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.22%
26) 1,2-Dichloroethane-d4	5.29	65	82216	40.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.50%
32) Benzene-d6	5.32	84	251706	38.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.56%
36) 1,2-Dichloropropane-d6	6.31	67	82160	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.76%
41) Toluene-d8	7.55	98	219737	36.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.26%#
43) trans-1,3-Dichloropropene-	7.83	79	38037	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.38%
47) 2-Hexanone-d5	8.29	63	95235	98.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	128784	41.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	94841	36.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.34%#

Target Compounds

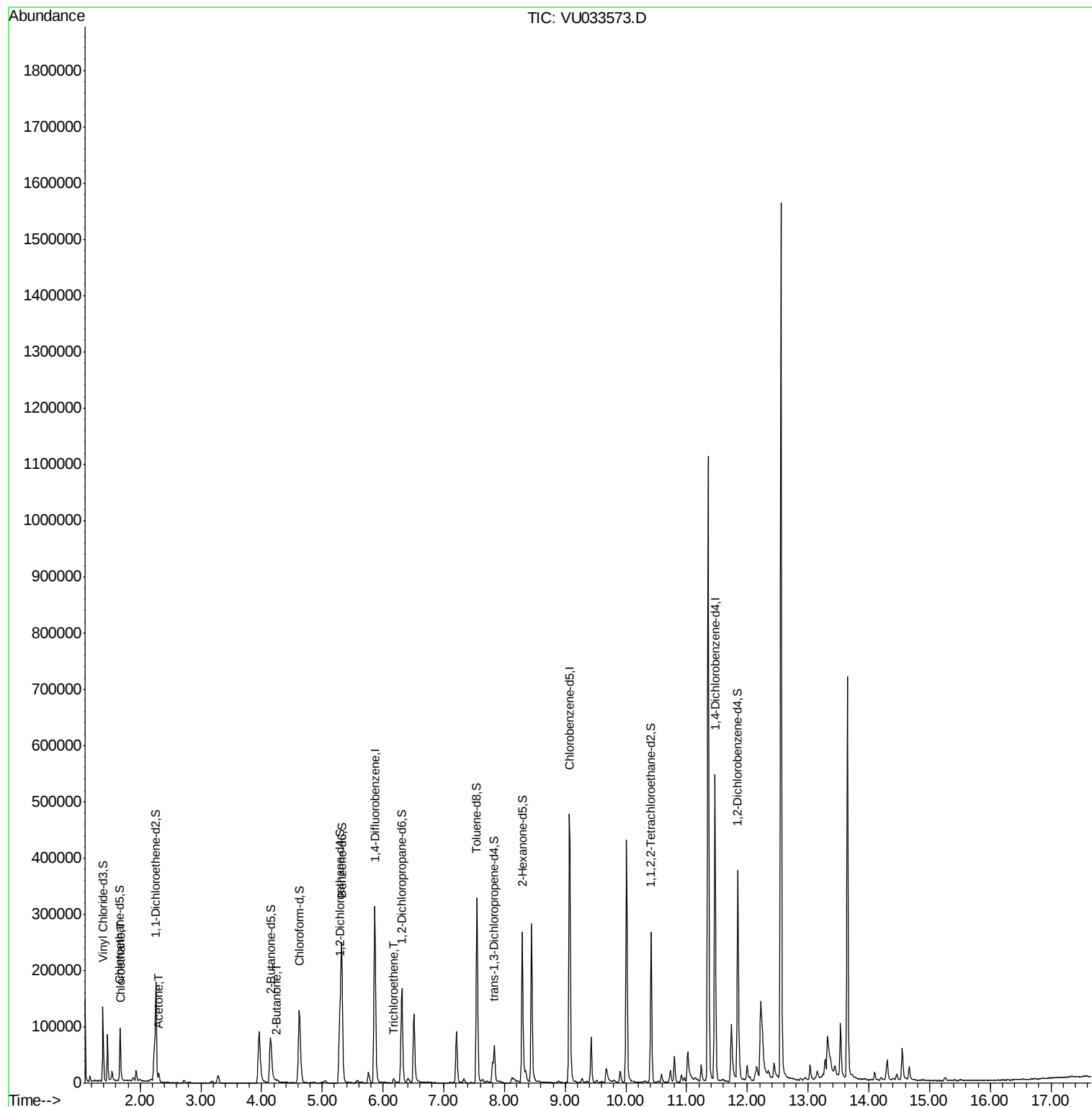
					Ovalue
8) Chloroethane	1.69	64	2869	1.774 ug/L	97
13) Acetone	2.31	43	15310	11.887 ug/L	87
22) 2-Butanone	4.25	43	4670	3.037 ug/L	80
34) Trichloroethene	6.17	95	2127	1.067 ug/L	88

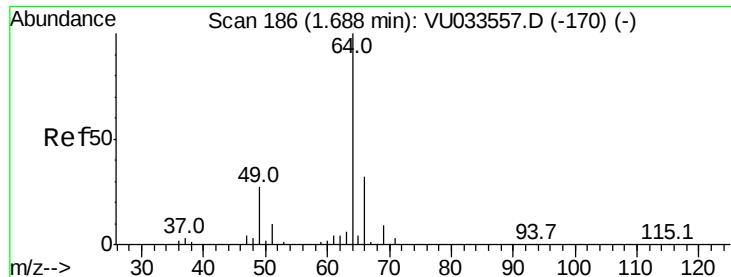
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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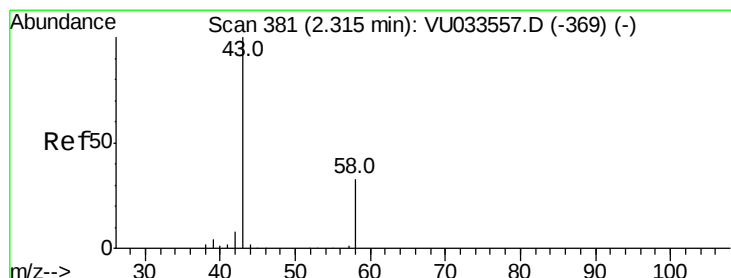
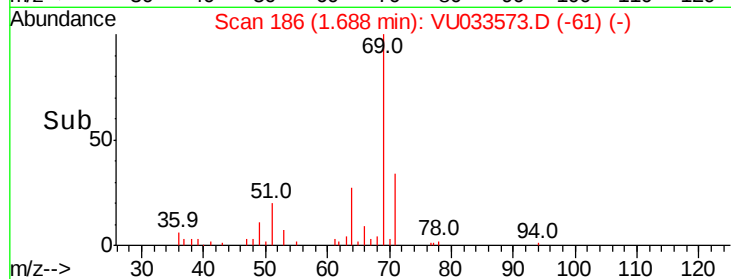
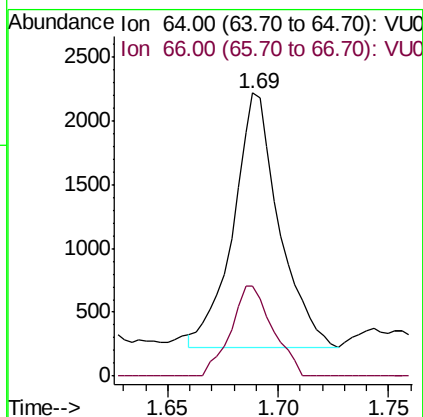
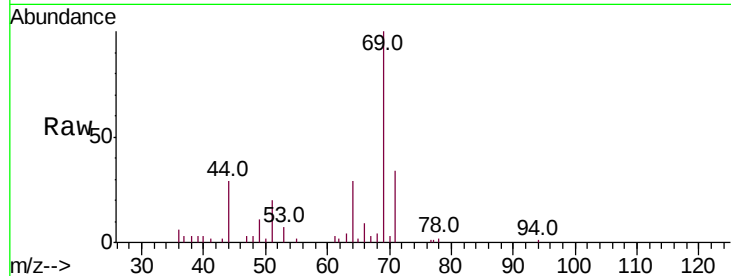




#8
Chloroethane
Concen: 1.774 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

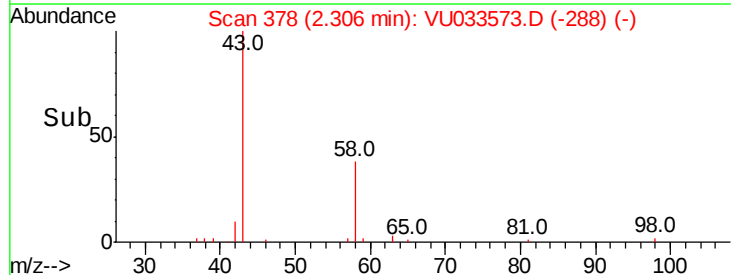
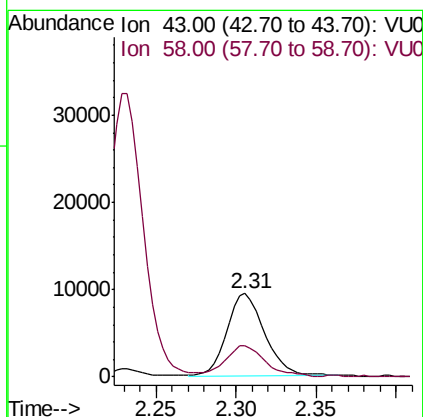
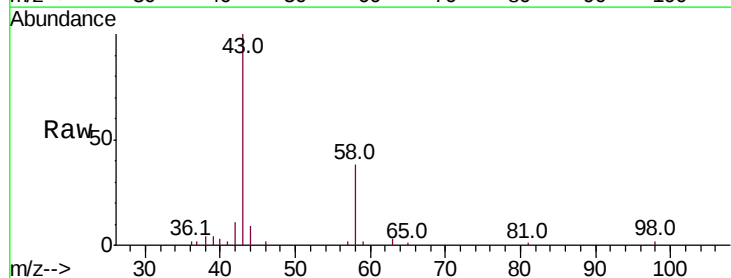
Instrument :
MSVOA_U
ClientSampleId :
JLLH4

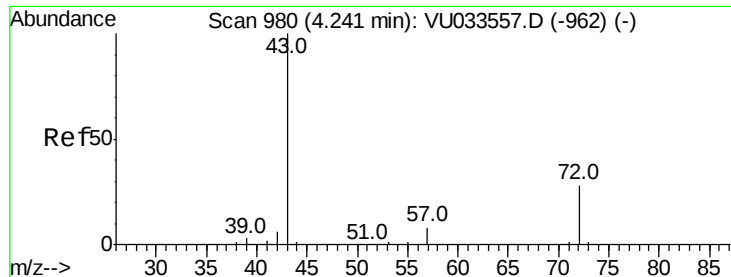
Tot Ion: 64 Resp: 2869
Ion Ratio Lower Upper
64 100
66 31.9 21.1 39.3



#13
Acetone
Concen: 11.887 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Tgt Ion: 43 Resp: 15310
Ion Ratio Lower Upper
43 100
58 40.5 0.0 66.2





#22

2-Butanone

Concen: 3.037 ug/L

RT: 4.25 min Scan# 984

Delta R.T. 0.01 min

Lab File: VU033573.D

Acq: 02 Aug 2019 16:29

Instrument :

MSVOA_U

ClientSampled :

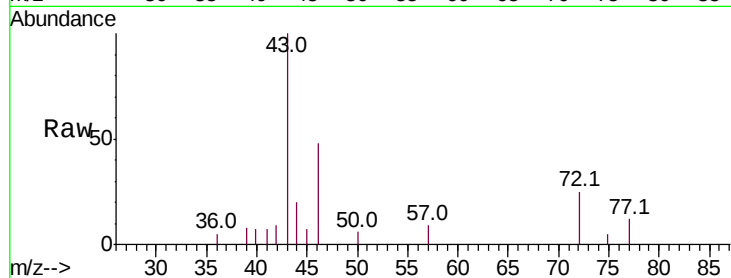
JLLH4

Tot Ion: 43 Resp: 4670

Ion Ratio Lower Upper

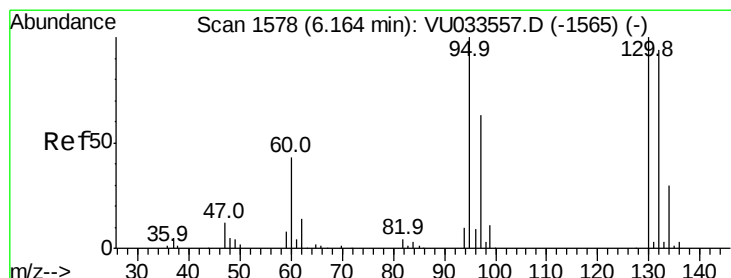
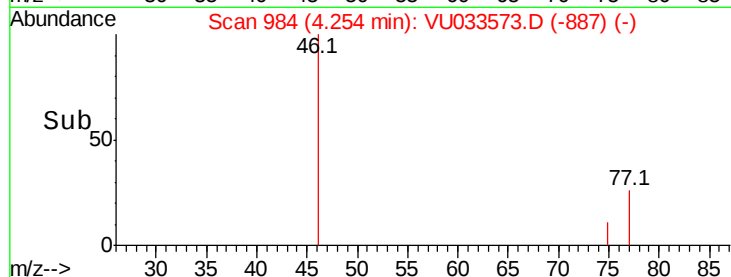
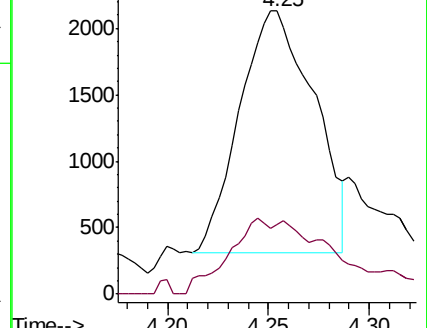
43 100

72 17.8 14.2 42.6



Abundance Ion 43.00 (42.70 to 43.70): VU033573.D (-962) (-)

Ion 72.00 (71.70 to 72.70): VU033573.D (-962) (-)



#34

Trichloroethene

Concen: 1.067 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU033573.D

Acq: 02 Aug 2019 16:29

Tgt Ion: 95 Resp: 2127

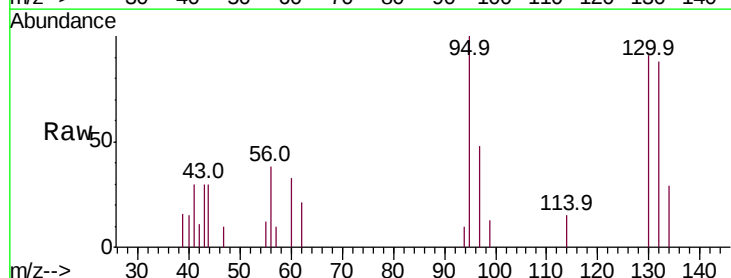
Ion Ratio Lower Upper

95 100

97 47.7 44.7 83.1

132 87.8 66.8 124.0

130 90.9 71.6 133.0



Abundance Ion 95.00 (94.70 to 95.70): VU033573.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VU033573.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VU033573.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VU033573.D (-1565) (-)

