

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035278.D
 Acq On : 18 Oct 2019 19:57
 Operator : JC/SP
 Sample : K5419-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G59

Quant Time: Oct 19 05:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	328739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130226	5.00	ug/L	0.00

System Monitoring Compounds

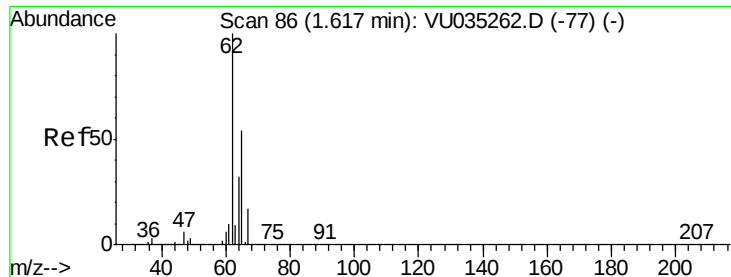
4) Vinyl Chloride-d3	1.61	65	93117	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	86899	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.60	63	129308	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.71	46	281663	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	5.12	84	182203	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	102013	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	360589	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.74	67	122060	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.93	98	339617	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.22	79	48992	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.69	63	235444	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102993	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	117719	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	44973	1.578 ug/L	93
13) Acetone	2.67	43	8061	2.012 ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	6275	0.275 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	20375	0.809 ug/L	97
34) Trichloroethene	6.58	95	4391	0.176 ug/L	94

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

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#5

Vinyl chloride

Concen: 1.578 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035278.D

Acq: 18 Oct 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

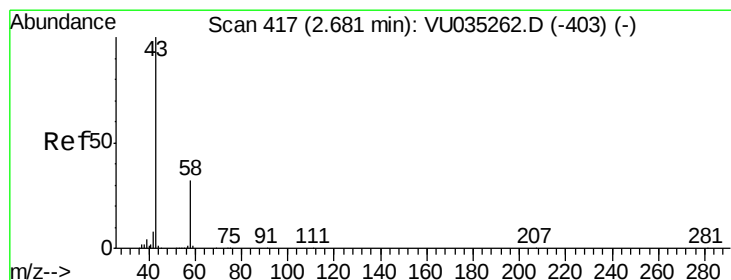
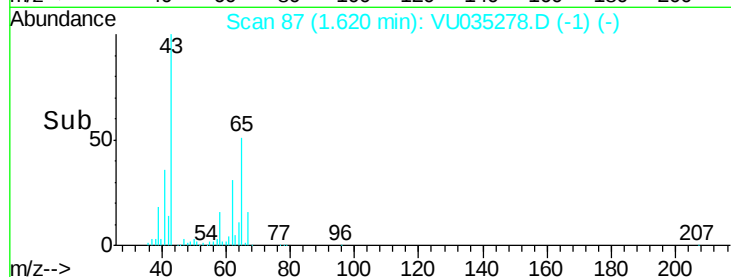
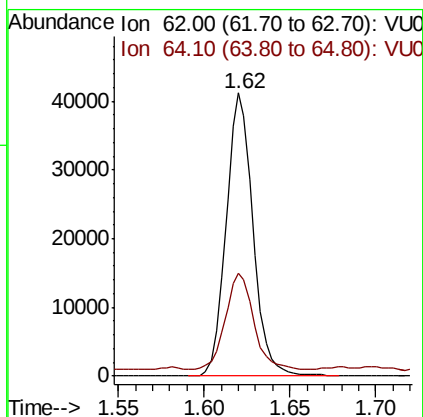
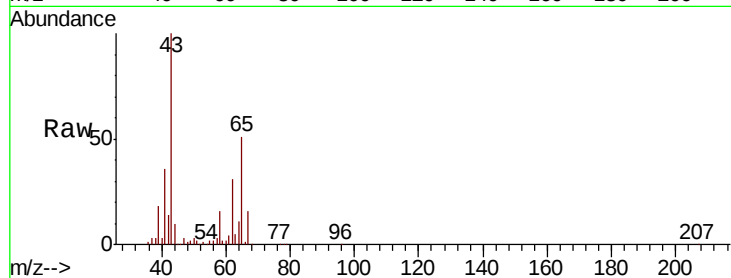
H0G59

Tot Ion: 62 Resp: 44973

Ion Ratio Lower Upper

62 100

64 36.6 22.9 42.5



#13

Acetone

Concen: 2.012 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035278.D

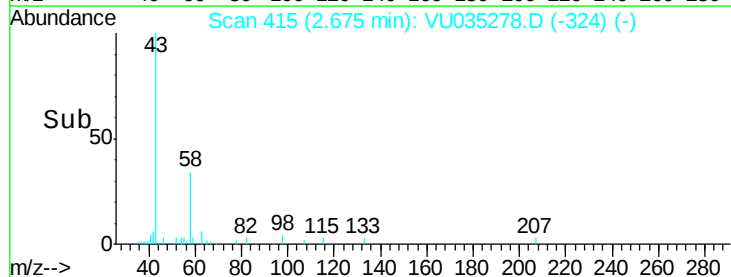
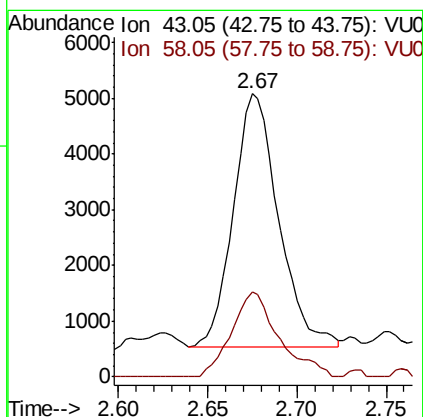
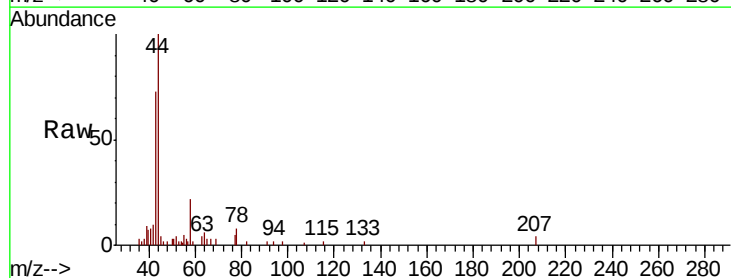
Acq: 18 Oct 2019 19:57

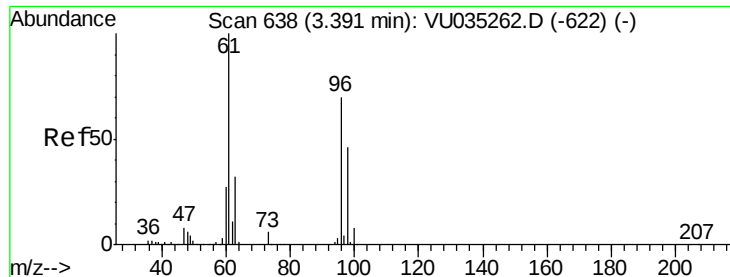
Tgt Ion: 43 Resp: 8061

Ion Ratio Lower Upper

43 100

58 34.9 0.0 61.8

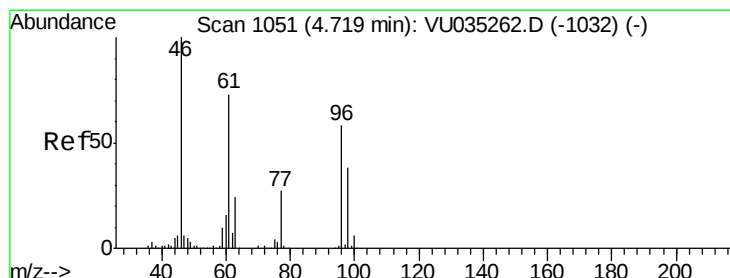
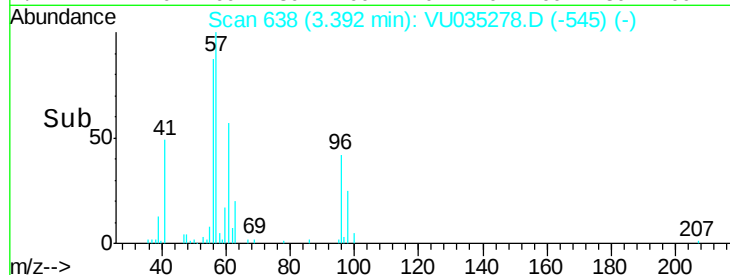
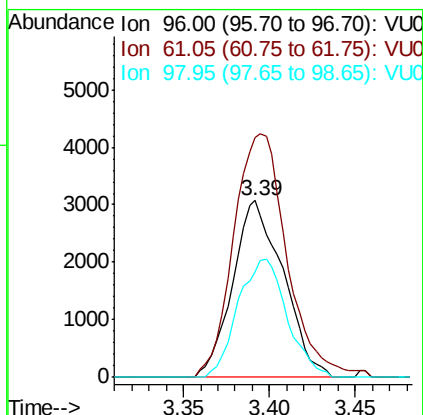
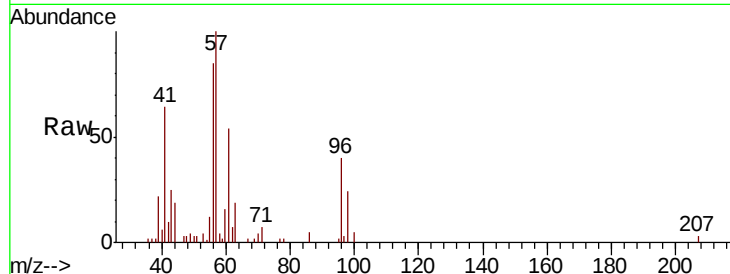




#18
 trans-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 3.39 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VU035278.D
 Acq: 18 Oct 2019 19:57

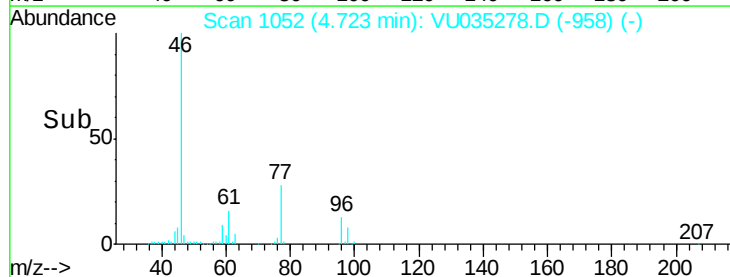
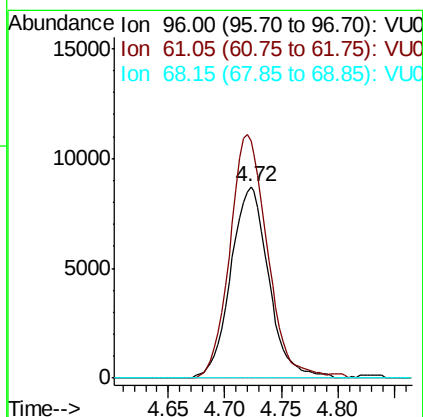
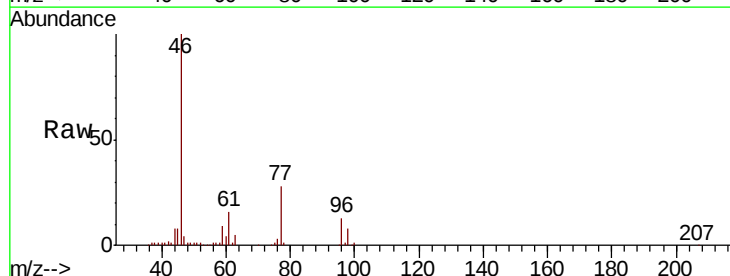
Instrument :
 MSVOA_U
 ClientSampled :
 H0G59

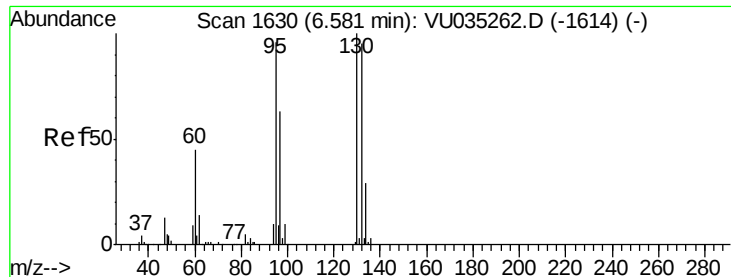
Tot Ion: 96 Resp: 6275
 Ion Ratio Lower Upper
 96 100
 61 135.4 93.0 172.6
 98 59.9 43.7 81.1



#22
 cis-1,2-Dichloroethene
 Concen: 0.809 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VU035278.D
 Acq: 18 Oct 2019 19:57

Tgt Ion: 96 Resp: 20375
 Ion Ratio Lower Upper
 96 100
 61 124.4 89.7 166.5
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.176 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035278.D

Acq: 18 Oct 2019 19:57

Instrument :

MSVOA_U

ClientSampleId :

H0G59

Tot Ion: 95 Resp: 4391

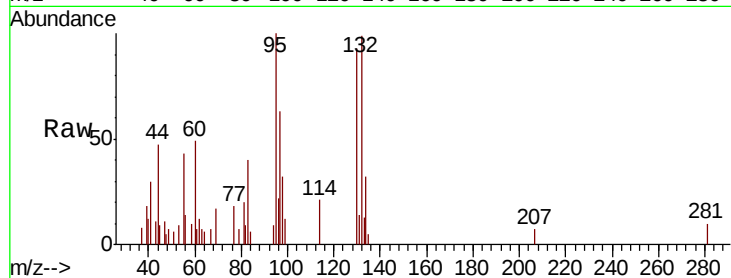
Ion Ratio Lower Upper

95 100

97 62.7 46.6 86.6

132 99.4 68.7 127.7

130 93.1 73.9 137.3

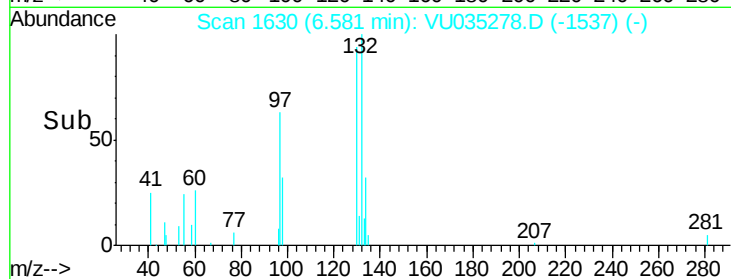


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->

