

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035235.D
 Acq On : 18 Oct 2019 01:45
 Operator : JC/SP
 Sample : K5419-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ9

Quant Time: Oct 18 05:54:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 05:36:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	350252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	332795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110346	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	99398	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	152713	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.72	46	309733	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	5.11	84	198144	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	112653	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	411448	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.74	67	135461	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.93	98	392648	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	8.22	79	58187	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.69	63	262010	50.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111124	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	137629	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

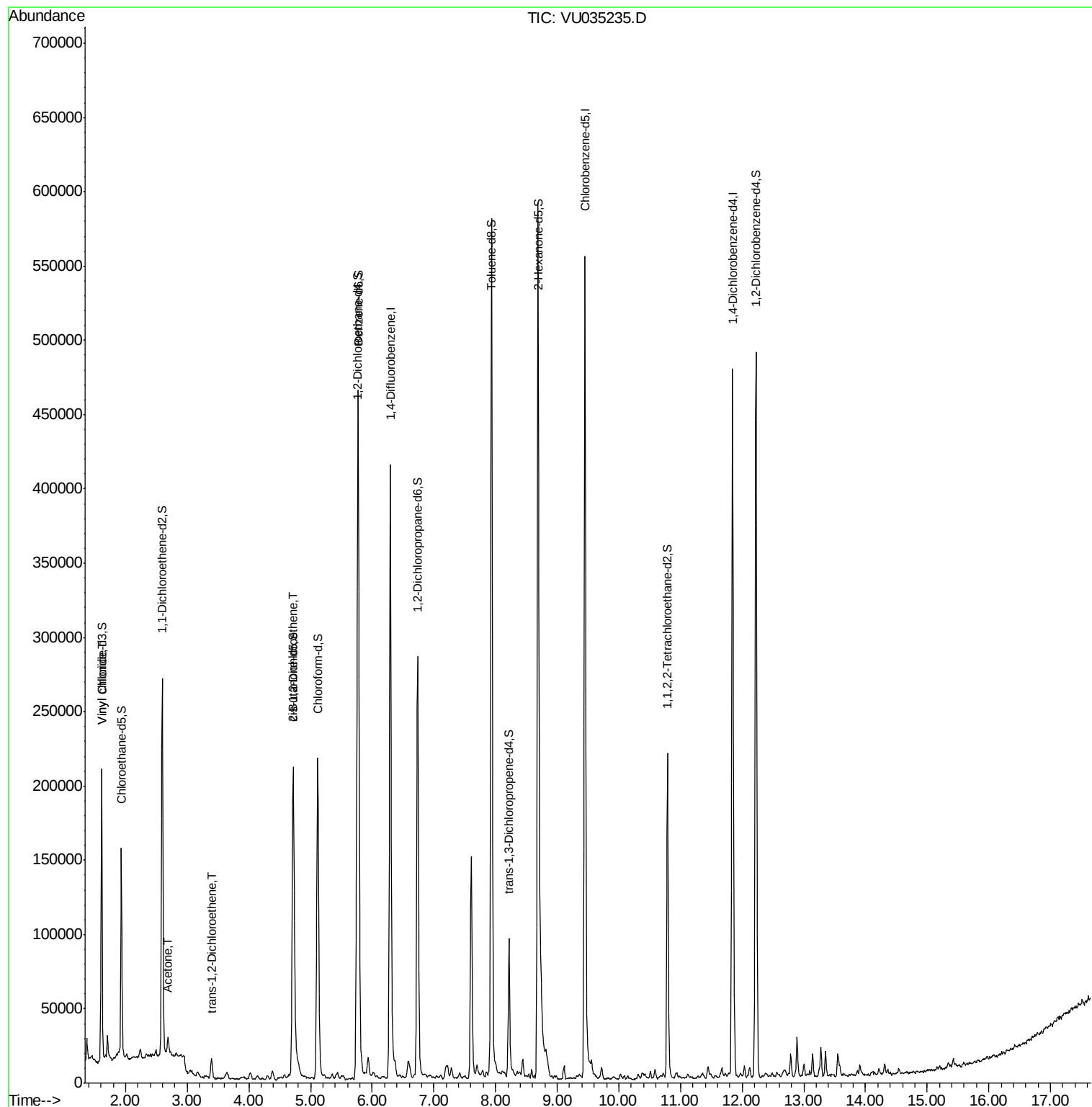
					Ovalue
5) Vinyl chloride	1.62	62	19939	0.657 ug/L	91
13) Acetone	2.69	43	17060	3.996 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	4784	0.197 ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	18357	0.684 ug/L	95

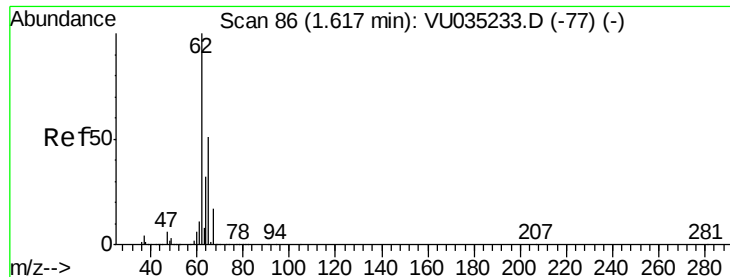
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.657 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

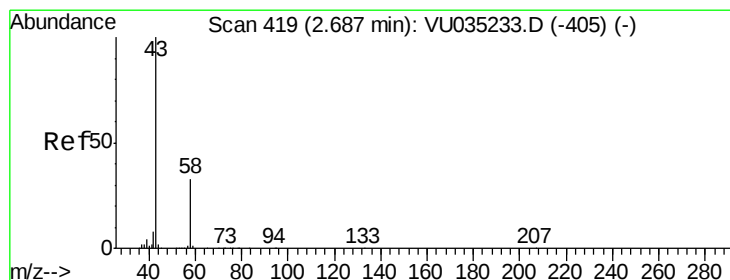
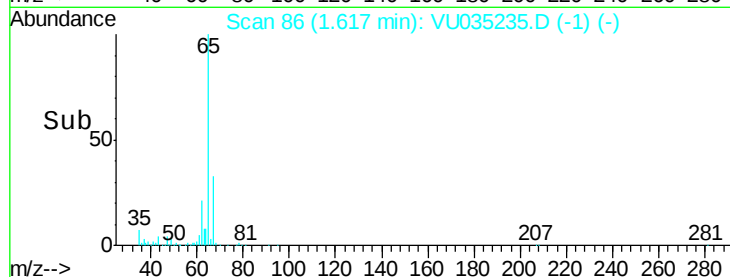
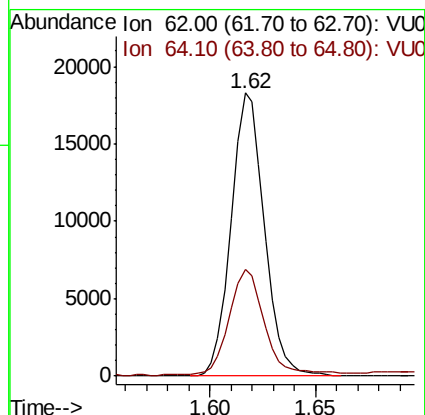
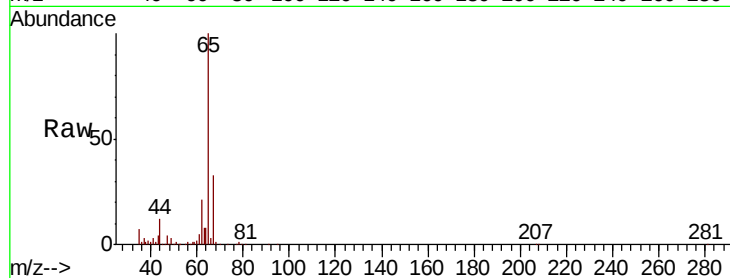
H0FZ9

Tot Ion: 62 Resp: 19939

Ion Ratio Lower Upper

62 100

64 37.5 22.9 42.5



#13

Acetone

Concen: 3.996 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035235.D

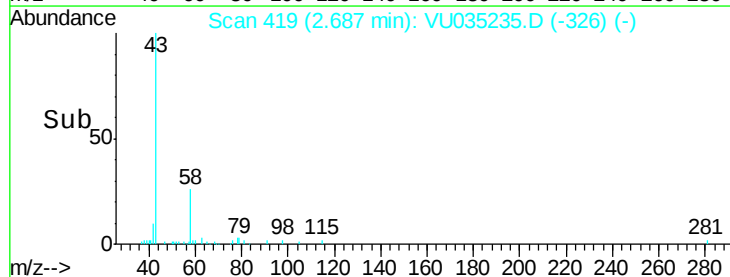
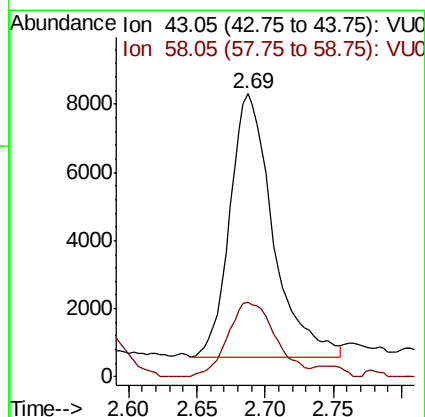
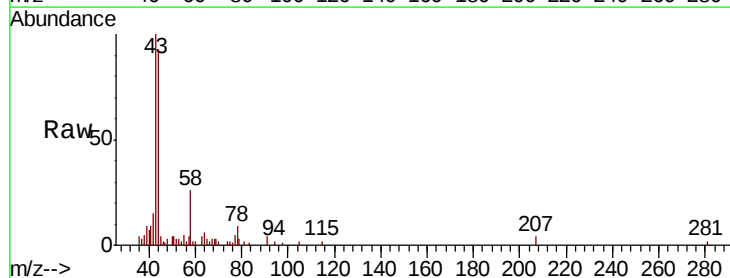
Acq: 18 Oct 2019 01:45

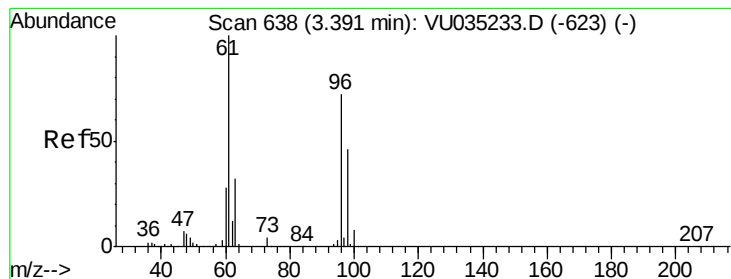
Tgt Ion: 43 Resp: 17060

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.197 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

H0FZ9

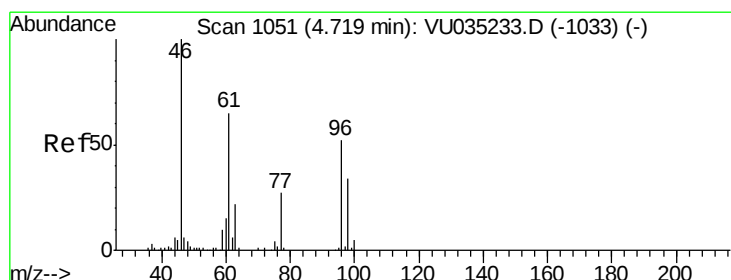
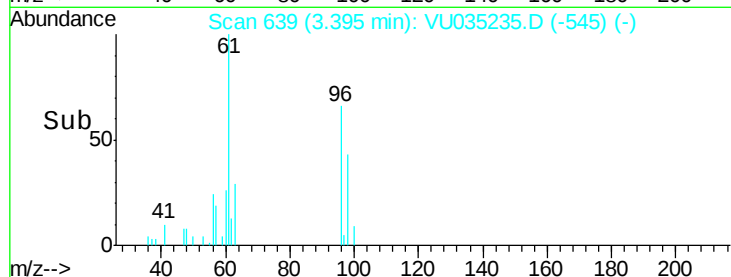
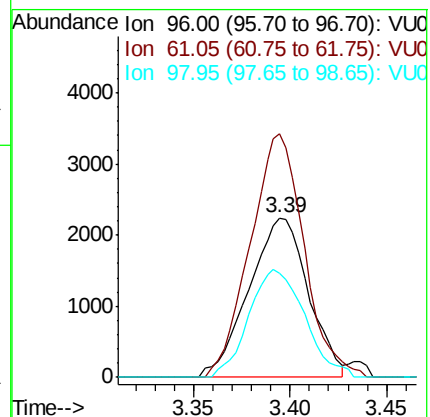
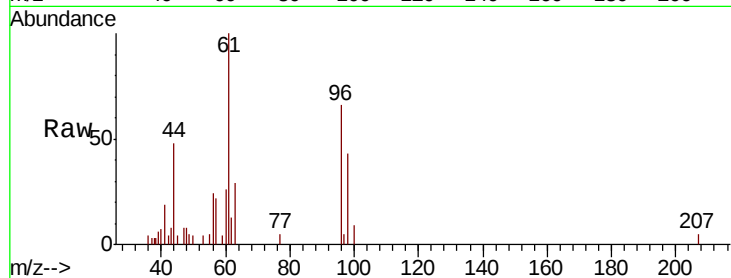
Tot Ion: 96 Resp: 4784

Ion Ratio Lower Upper

96 100

61 152.4 93.0 172.6

98 65.2 43.7 81.1



#22

cis-1,2-Dichloroethene

Concen: 0.684 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Tgt Ion: 96 Resp: 18357

Ion Ratio Lower Upper

96 100

61 122.3 89.7 166.5

68 0.0 0.0 0.0

