

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035248.D
 Acq On : 18 Oct 2019 06:50
 Operator : JC/SP
 Sample : K5419-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ6

Quant Time: Oct 18 07:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 07:32:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	343815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108992	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	98163	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.60	63	152010	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.71	46	281798	46.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.11	84	195044	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	113292	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.77	84	411038	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.74	67	131490	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	386305	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.22	79	55740	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	252138	48.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108409	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	124759	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

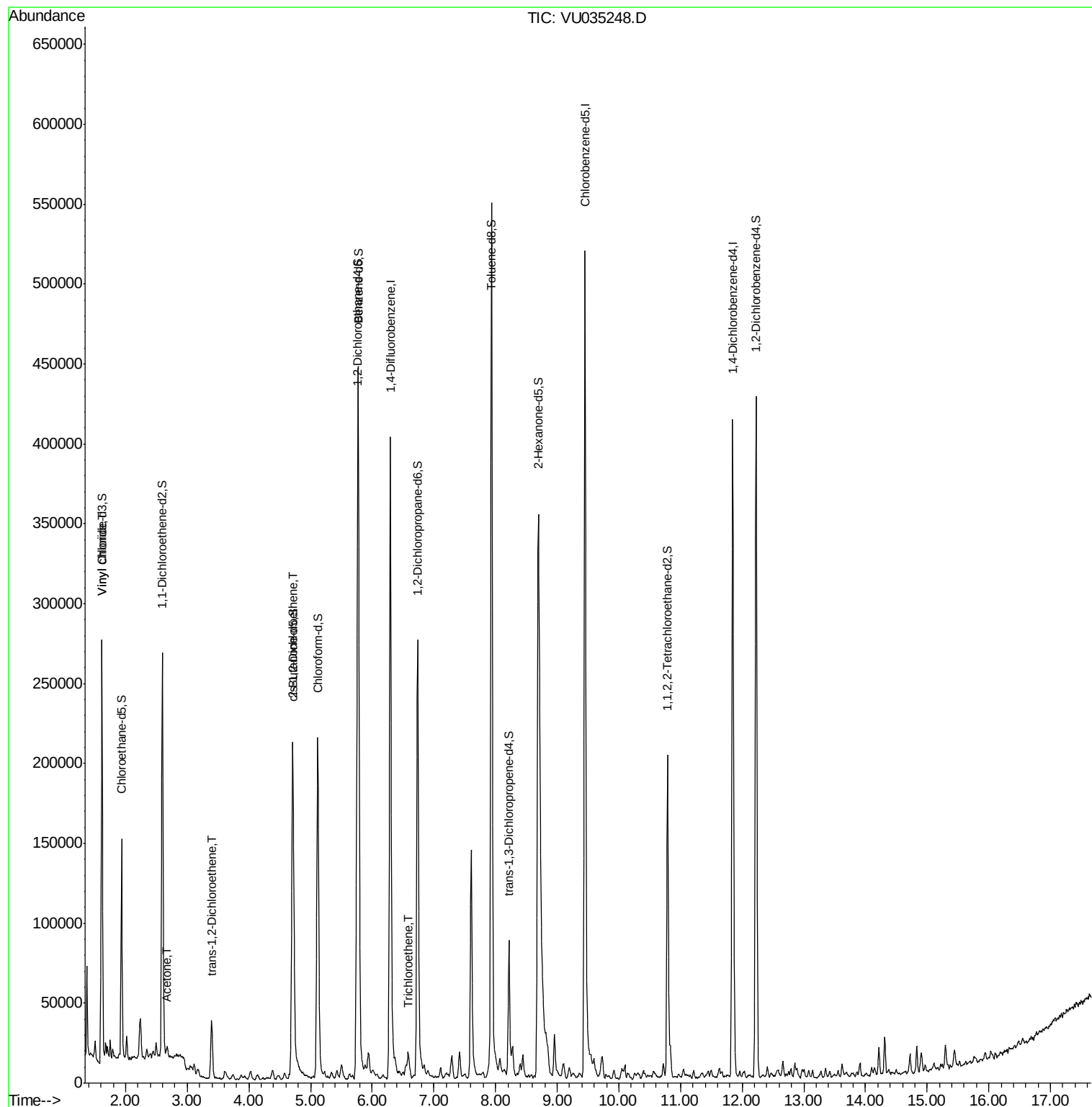
					Ovalue
5) Vinyl chloride	1.62	62	49876	1.673 ug/L	94
13) Acetone	2.67	43	6046	1.443 ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	11496	0.482 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	25683	0.975 ug/L	94
34) Trichloroethene	6.59	95	4105	0.154 ug/L	92

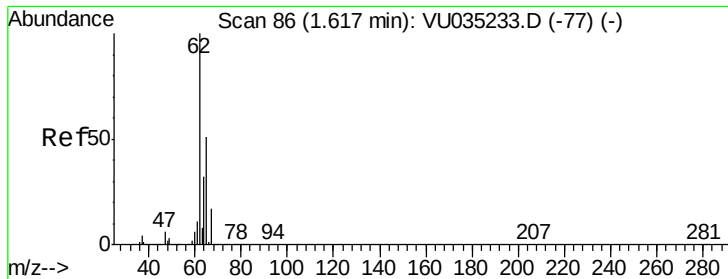
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.673 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Instrument :

MSVOA_U

ClientSampleId :

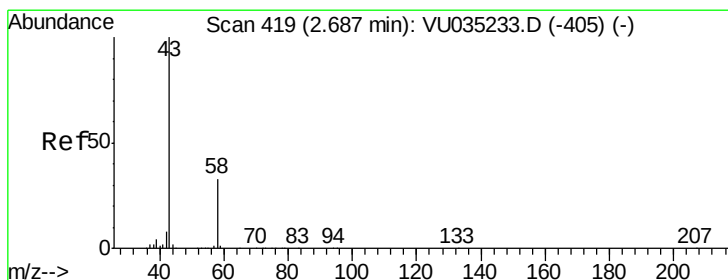
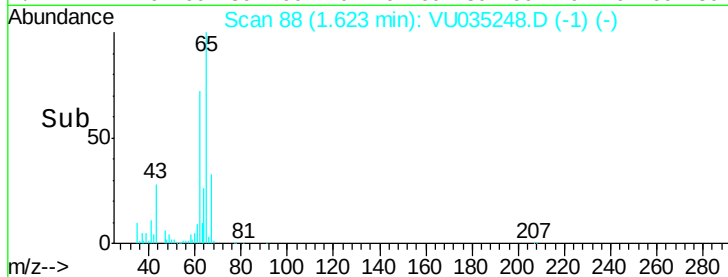
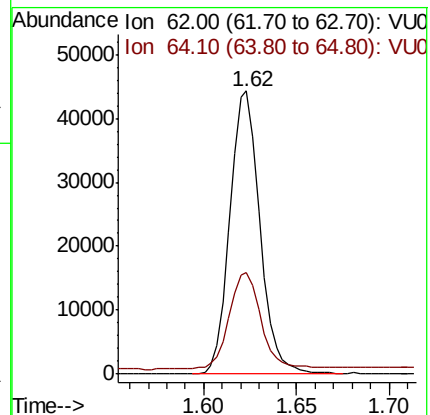
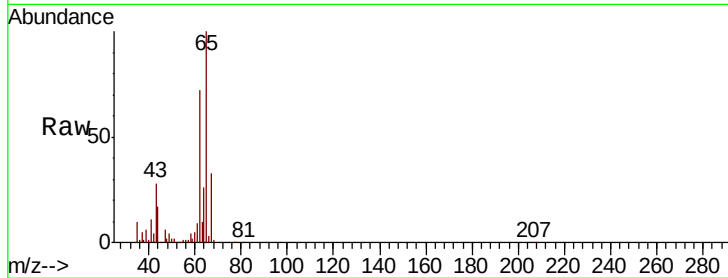
H0FZ6

Tot Ion: 62 Resp: 49876

Ion Ratio Lower Upper

62 100

64 36.0 22.9 42.5



#13

Acetone

Concen: 1.443 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035248.D

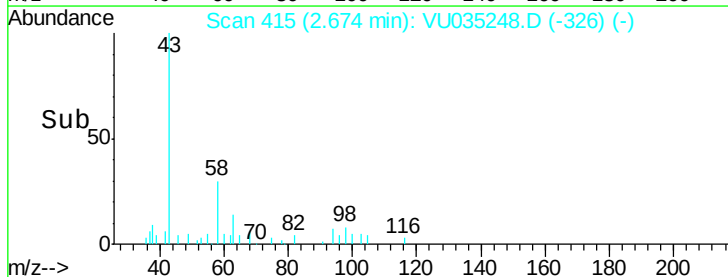
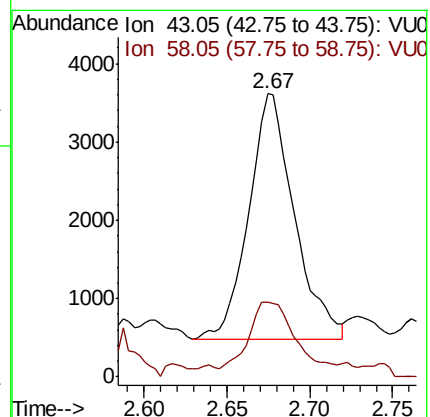
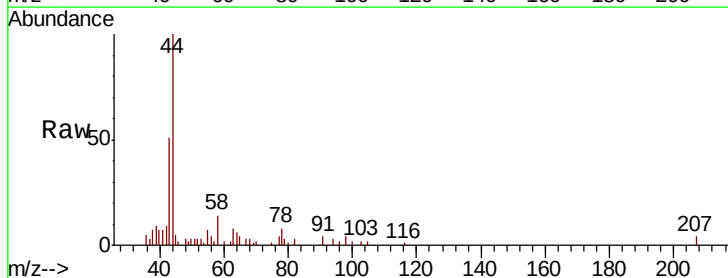
Acq: 18 Oct 2019 06:50

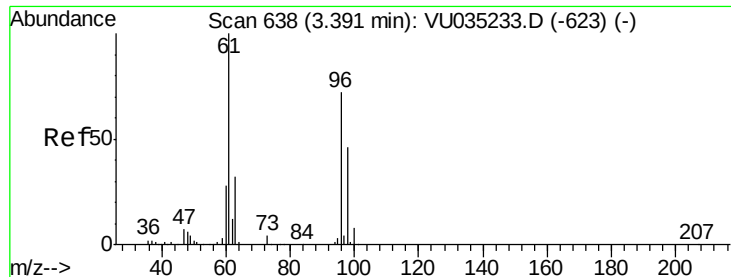
Tgt Ion: 43 Resp: 6046

Ion Ratio Lower Upper

43 100

58 33.0 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.482 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Instrument :

MSVOA_U

ClientSampleId :

H0FZ6

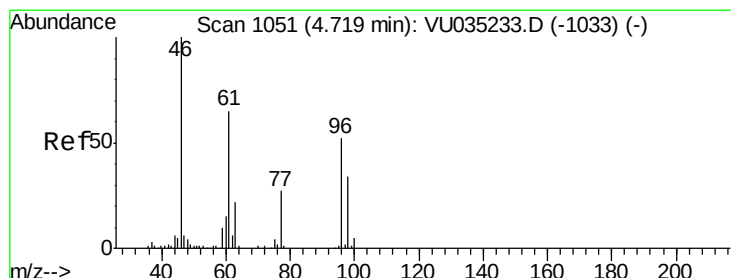
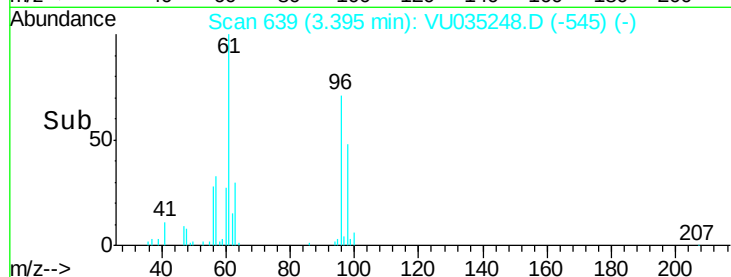
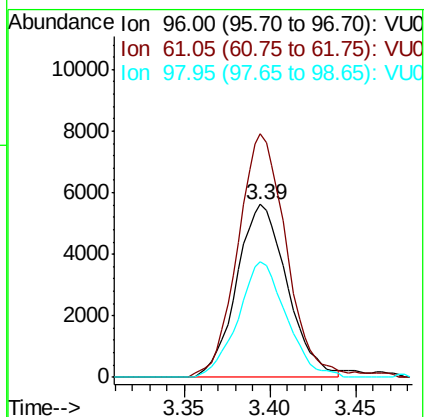
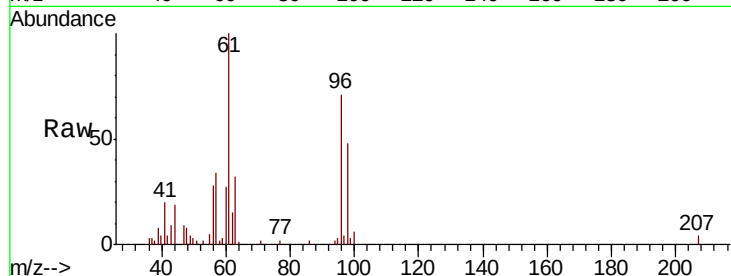
Tot Ion: 96 Resp: 11496

Ion Ratio Lower Upper

96 100

61 140.7 93.0 172.6

98 67.2 43.7 81.1



#22

cis-1,2-Dichloroethene

Concen: 0.975 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

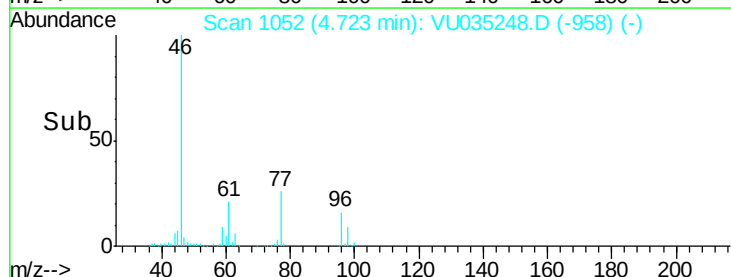
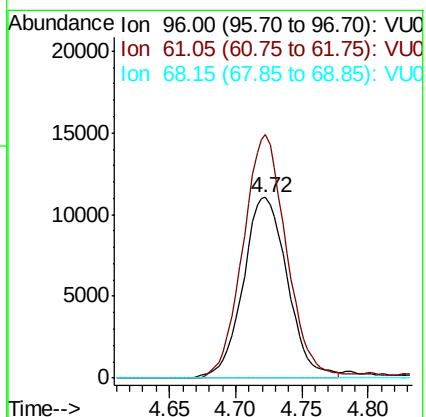
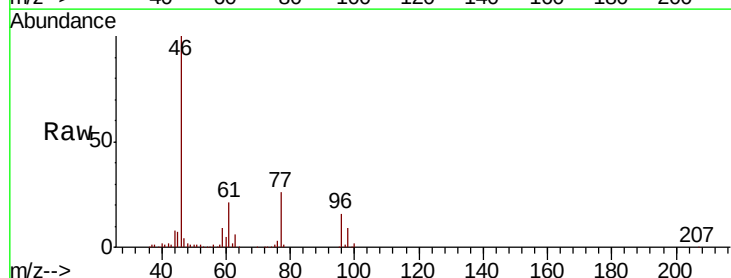
Tgt Ion: 96 Resp: 25683

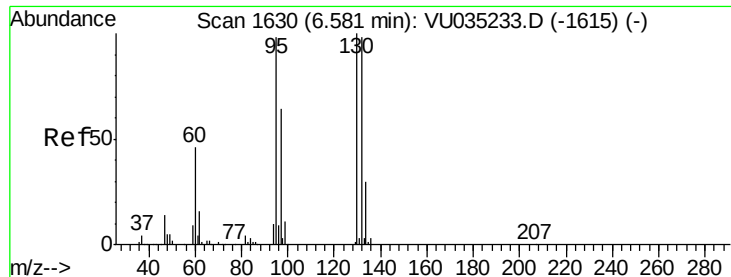
Ion Ratio Lower Upper

96 100

61 134.8 89.7 166.5

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 6.59 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: VU035248.D
 Acq: 18 Oct 2019 06:50

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ6

Tot Ion:	95	Resp:	4105
Ion	Ratio	Lower	Upper
95	100		
97	57.3	46.6	86.6
132	93.7	68.7	127.7
130	95.6	73.9	137.3

