

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035283.D
 Acq On : 18 Oct 2019 21:54
 Operator : JC/SP
 Sample : K5419-14DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ3DL

Quant Time: Oct 19 06:07:34 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	331381	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	323356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	133938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87923	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	82426	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	123024	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.71	46	277082	47.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	5.11	84	173174	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.75	65	98514	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	351740	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.74	67	114680	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	322035	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.22	79	47759	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.68	63	222100	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96061	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	112975	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

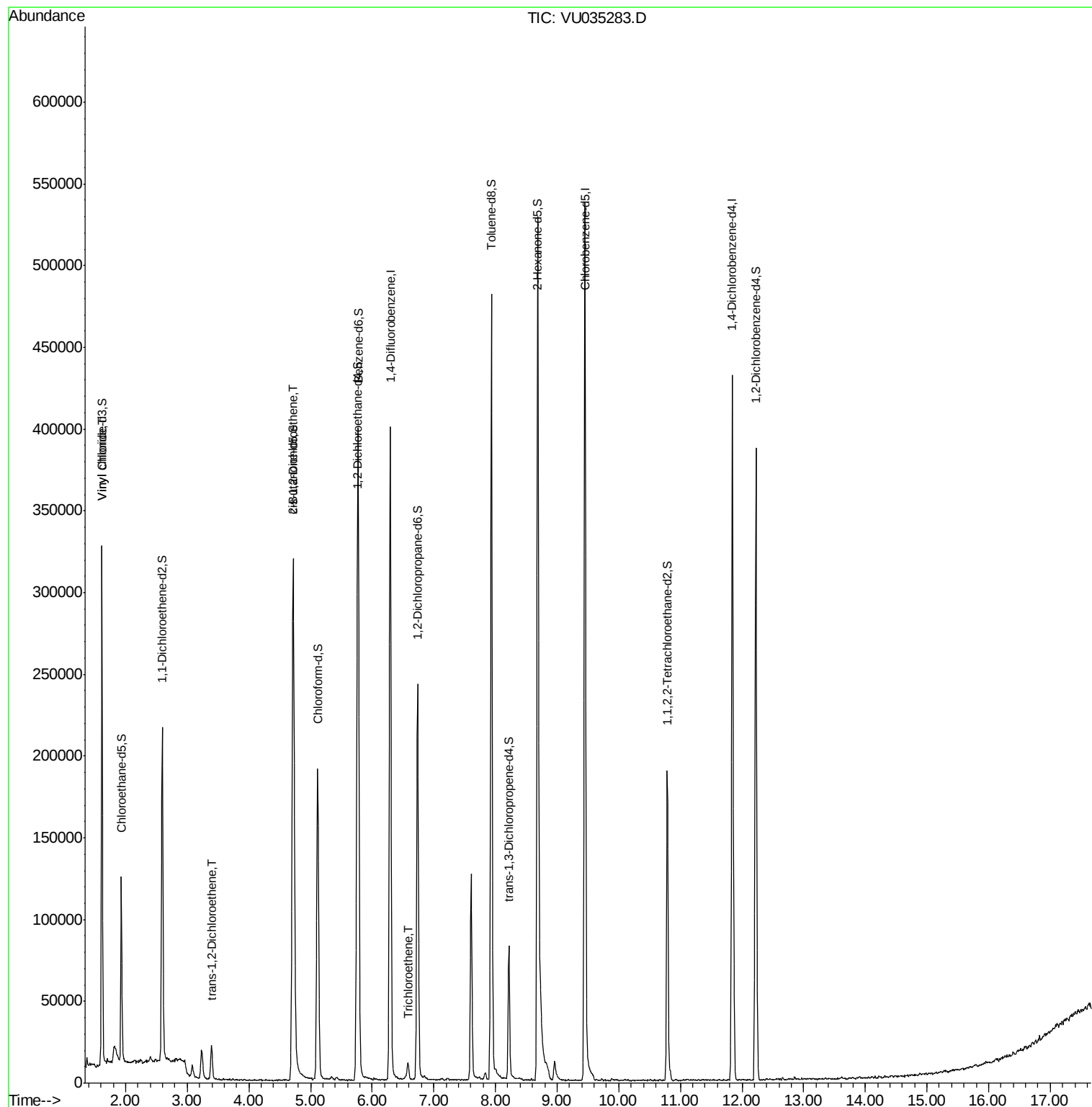
					Ovalue
5) Vinyl chloride	1.62	62	140581	4.893 ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	9355	0.407 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	74510	2.934 ug/L	96
34) Trichloroethene	6.58	95	3054	0.119 ug/L	87

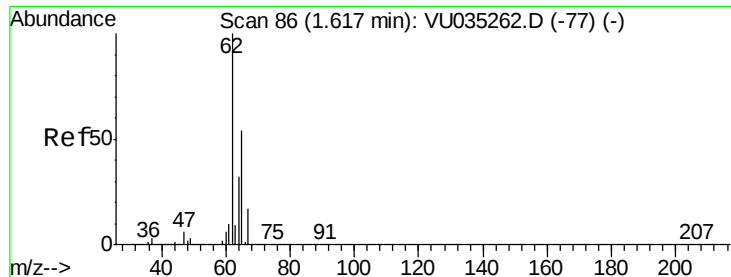
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.893 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Acq: 18 Oct 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

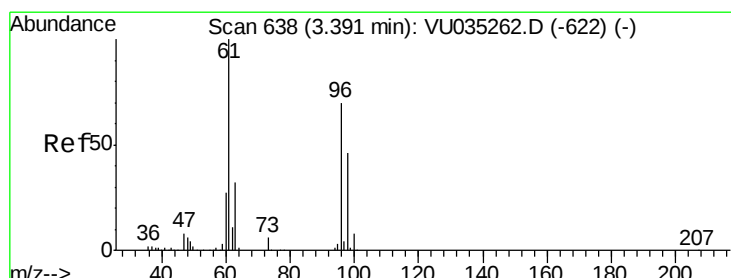
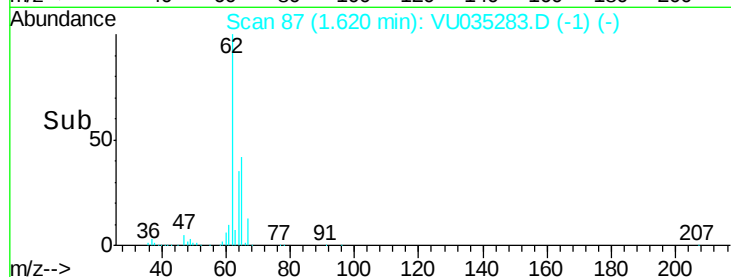
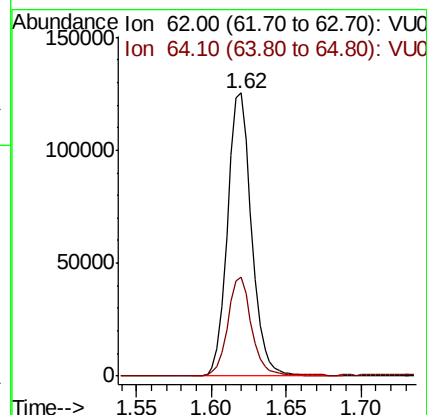
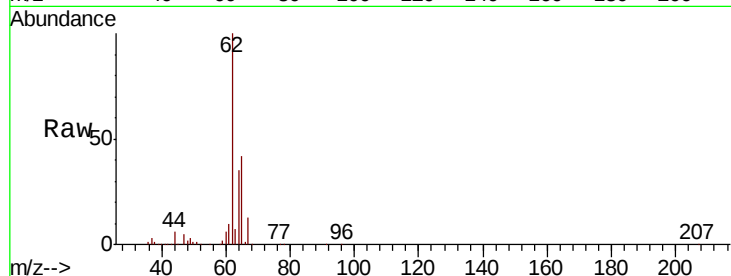
H0FZ3DL

Tot Ion: 62 Resp: 140581

Ion Ratio Lower Upper

62 100

64 34.9 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 0.407 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035283.D

Acq: 18 Oct 2019 21:54

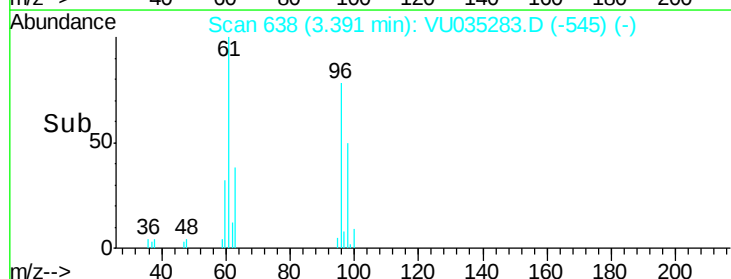
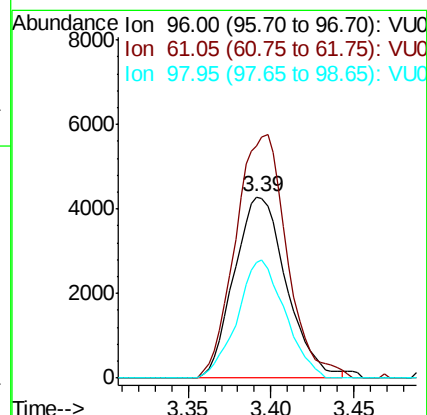
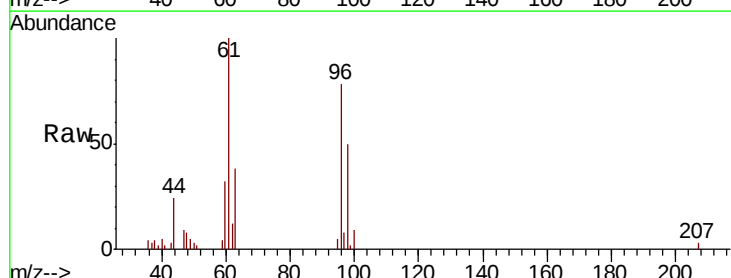
Tgt Ion: 96 Resp: 9355

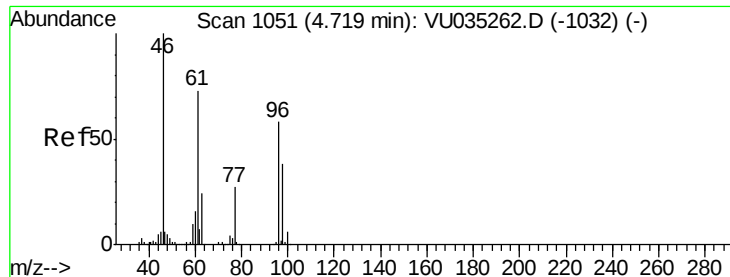
Ion Ratio Lower Upper

96 100

61 127.8 93.0 172.6

98 63.7 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 2.934 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035283.D

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Instrument :

MSVOA_U

ClientSampleId :

H0FZ3DL

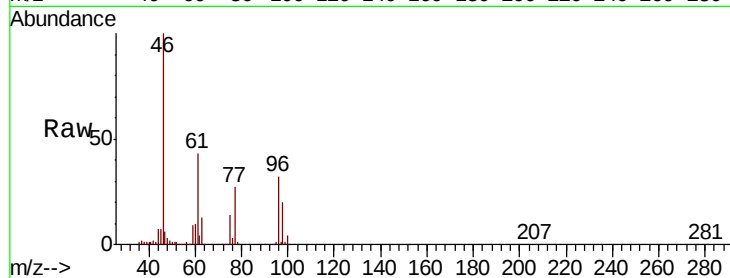
Tot Ion: 96 Resp: 74510

Ion Ratio Lower Upper

96 100

61 132.9 89.7 166.5

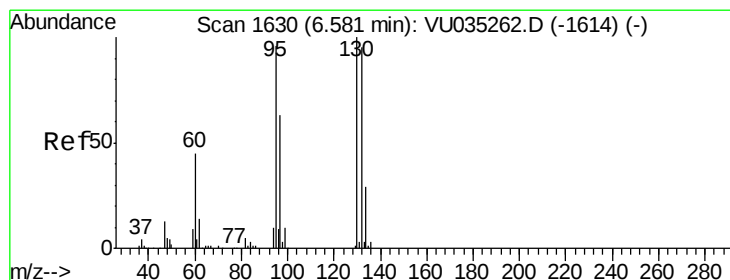
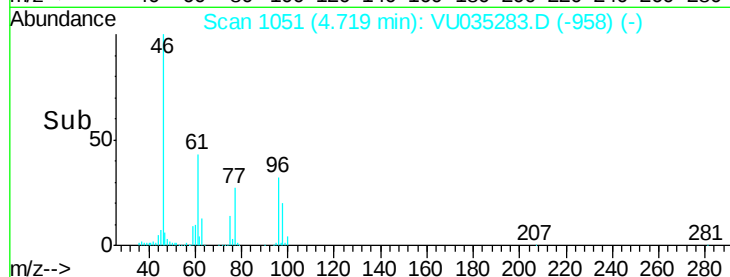
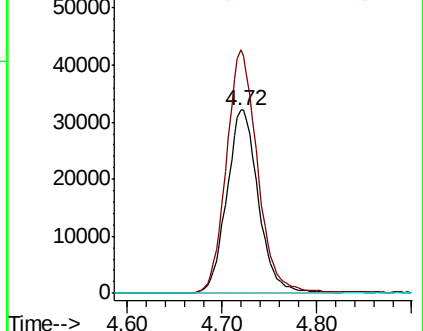
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035283.D (-1537) (-)

Ion 61.05 (60.75 to 61.75): VU035283.D (-1537) (-)

Ion 68.15 (67.85 to 68.85): VU035283.D (-1537) (-)



#34

Trichloroethene

Concen: 0.119 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035283.D

Acq: 18 Oct 2019 21:54

Tgt Ion: 95 Resp: 3054

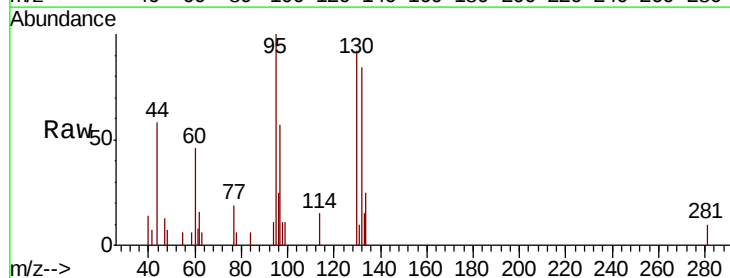
Ion Ratio Lower Upper

95 100

97 56.8 46.6 86.6

132 84.2 68.7 127.7

130 91.6 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035283.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035283.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035283.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035283.D (-1537) (-)

