

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021419\
 Data File : VU029460.D
 Acq On : 14 Feb 2019 16:07
 Operator : JC/SP
 Sample : K1436-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA7

Quant Time: Feb 20 01:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 00:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	202802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52221	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	47016	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.27	63	89541	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.19	46	137179	48.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	4.65	84	92997	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	50097	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.34	84	200447	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	60961	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.56	98	189806	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	24228	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.31	63	134699	48.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52909	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	86212	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

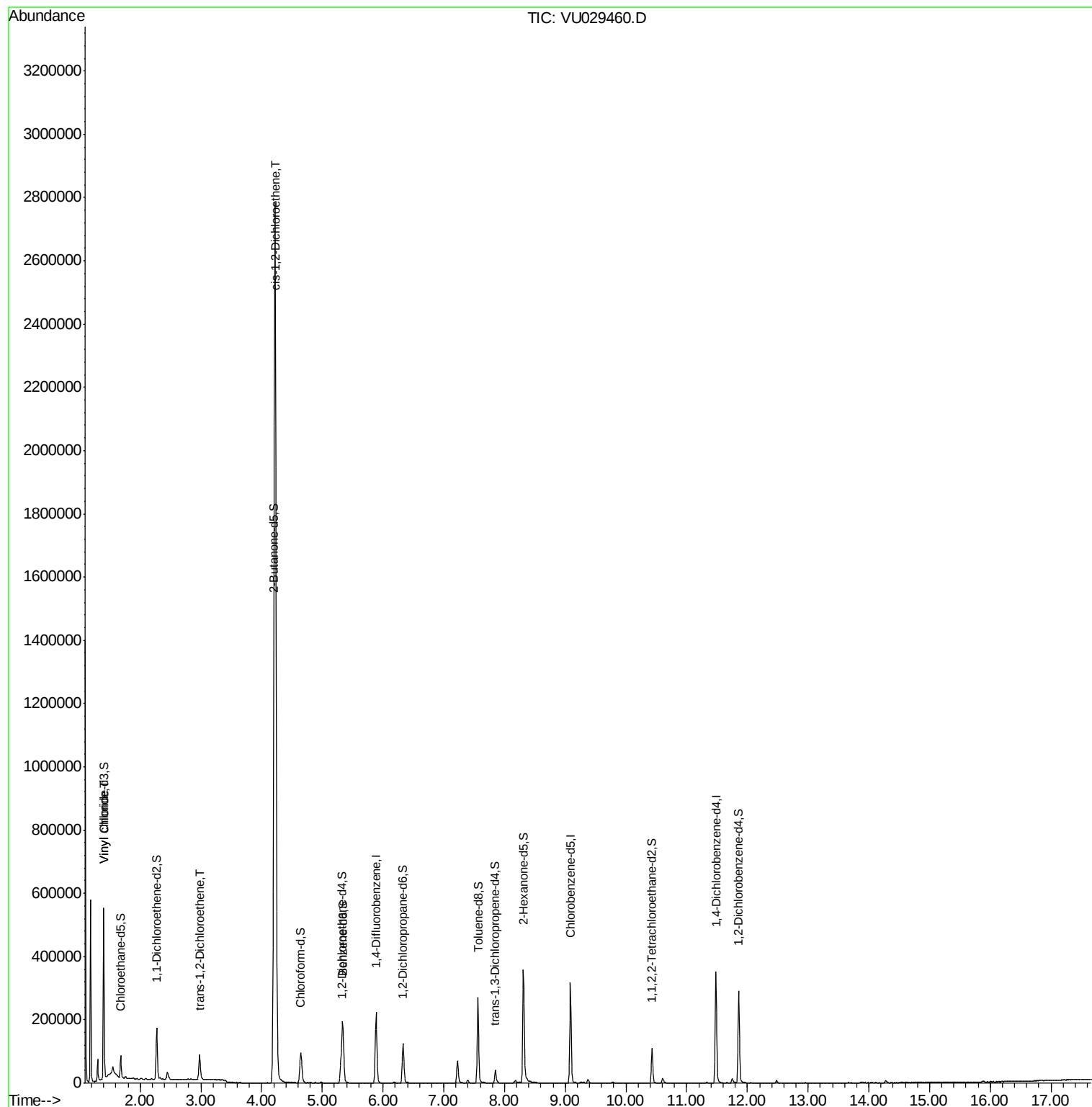
					Ovalue
5) Vinyl chloride	1.40	62	264505	13.543 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	32682	1.836 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	1647597	100.644 ug/L	99

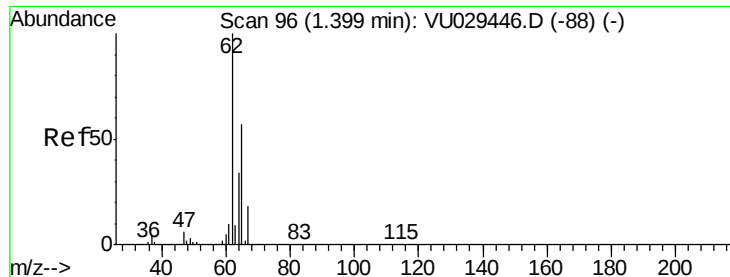
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 13.543 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU029460.D

Acq: 14 Feb 2019 16:07

Instrument :

MSVOA_U

ClientSampled :

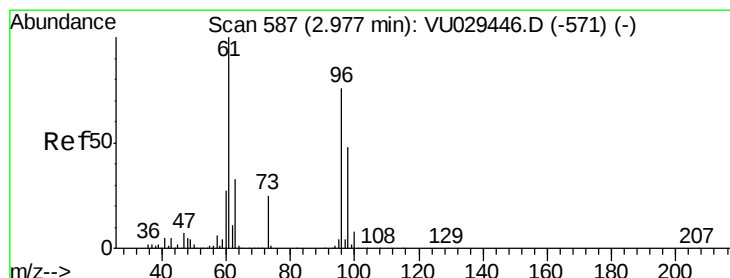
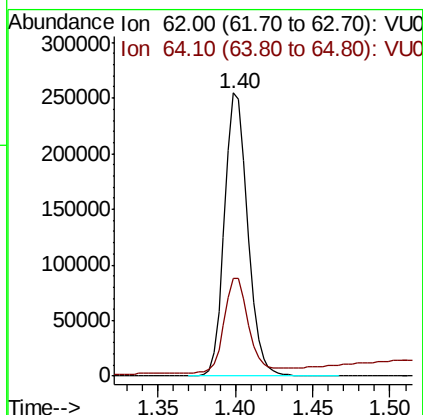
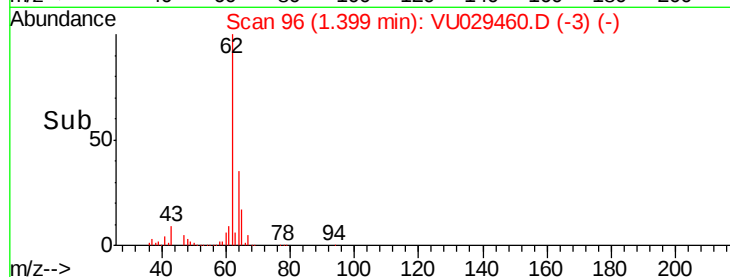
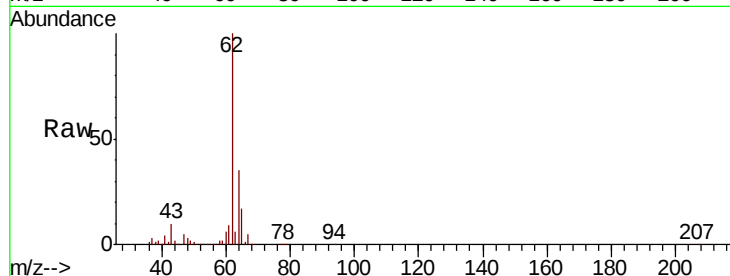
ESXA7

Tot Ion: 62 Resp: 264505

Ion Ratio Lower Upper

62 100

64 34.7 23.5 43.7



#18

trans-1,2-Dichloroethene

Concen: 1.836 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029460.D

Acq: 14 Feb 2019 16:07

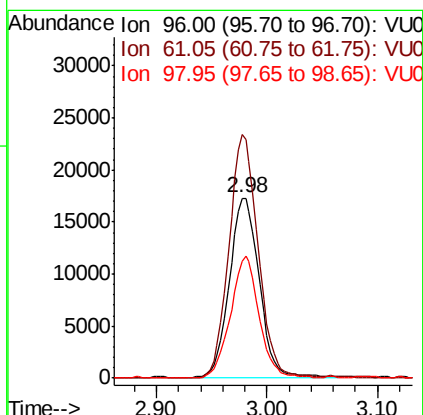
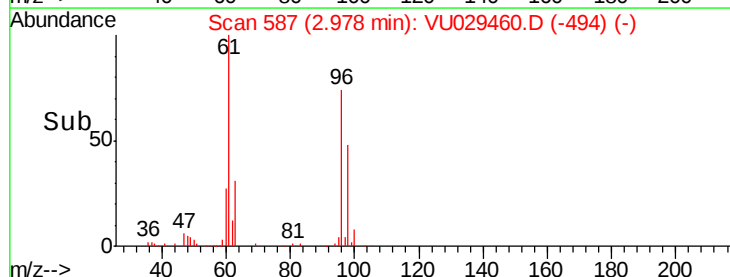
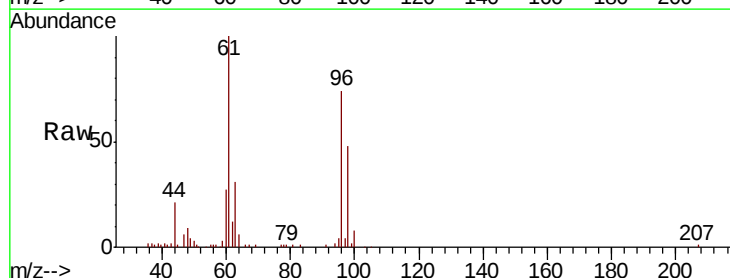
Tgt Ion: 96 Resp: 32682

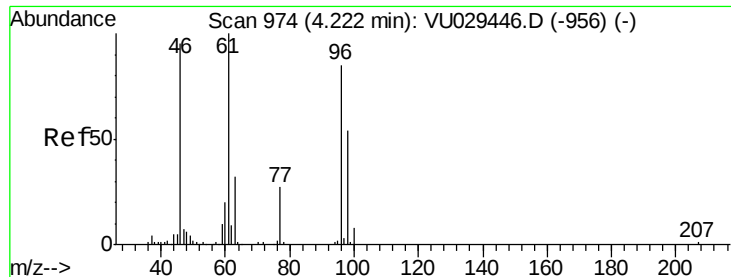
Ion Ratio Lower Upper

96 100

61 135.2 95.4 177.2

98 65.0 45.8 85.2





#22

cis-1,2-Dichloroethene
 Concen: 100.644 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029460.D
 Acq: 14 Feb 2019 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA7

Tot Ion: 96 Resp: 1647597
 Ion Ratio Lower Upper
 96 100
 61 115.4 79.9 148.5
 68 0.0 0.0 0.0

