

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029556.D
 Acq On : 19 Feb 2019 15:40
 Operator : JC/SP
 Sample : K1489-06DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXG3DL

Quant Time: Feb 20 01:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	223187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60362	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.68	69	55540	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.27	63	94298	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.19	46	164483	52.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.65	84	83201	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.80%#
26) 1,2-Dichloroethane-d4	5.31	65	59713	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.34	84	228332	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.33	67	73466	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.56	98	218134	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.85	79	28143	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.31	63	162228	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65368	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	99313	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

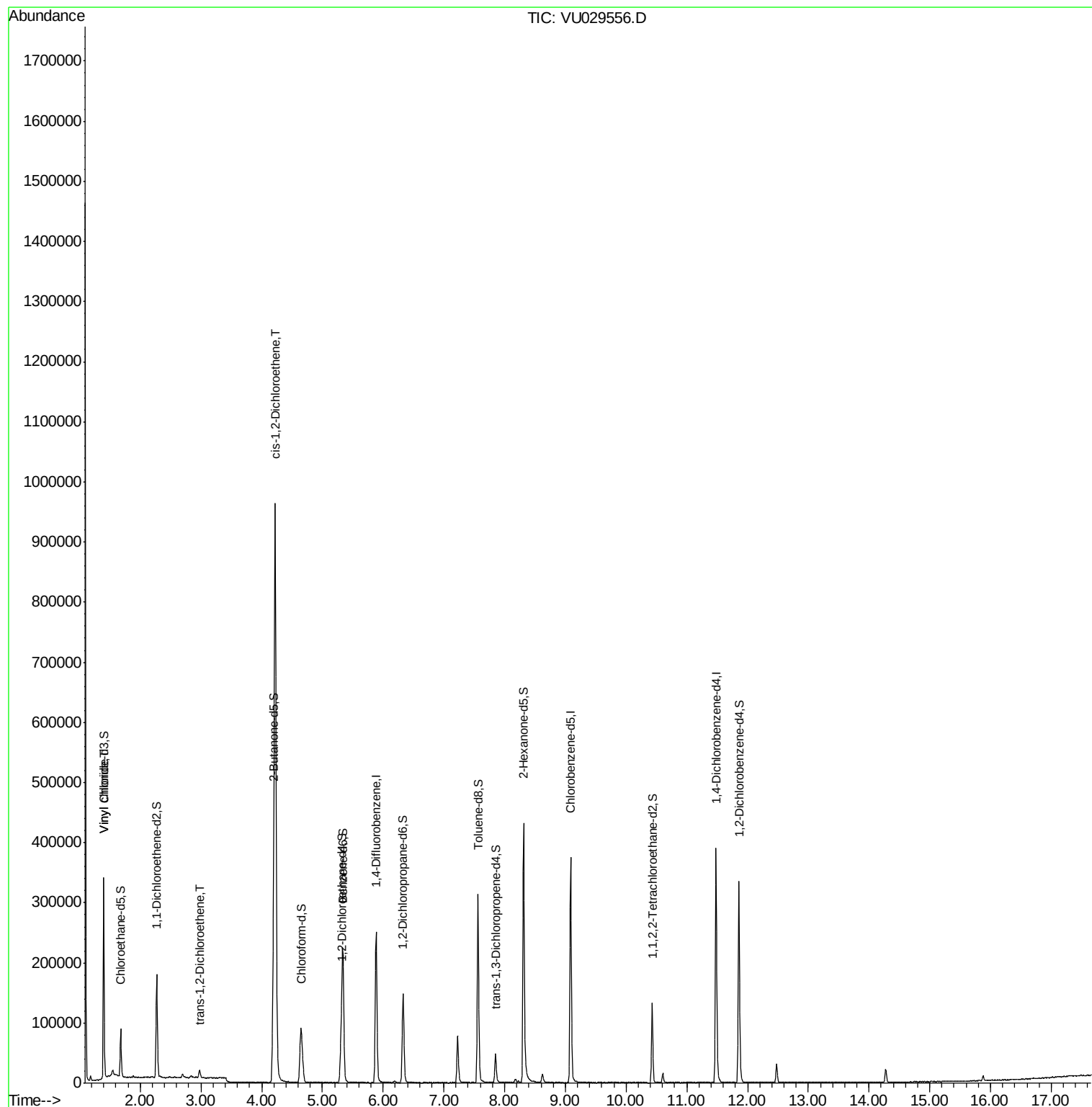
					Ovalue
5) Vinyl chloride	1.40	62	162188	7.546	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	4857	0.248	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	549655	30.509	ug/L 96

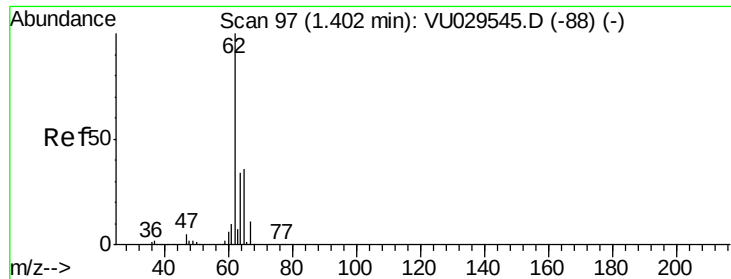
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.546 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029556.D

Acq: 19 Feb 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

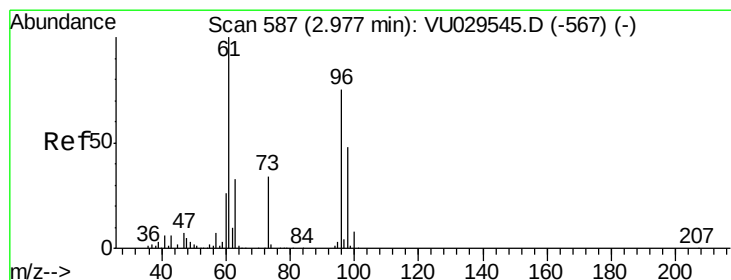
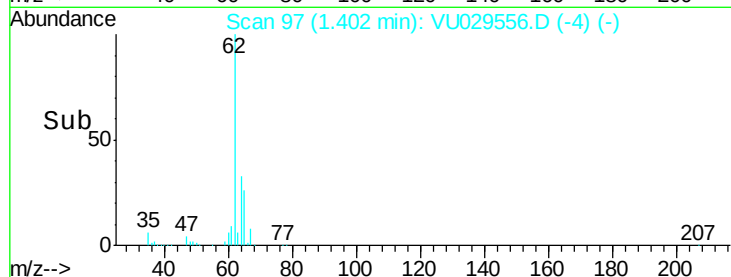
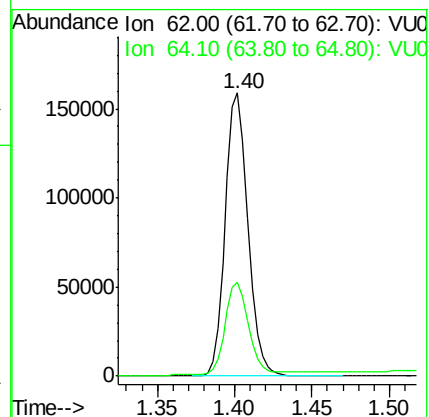
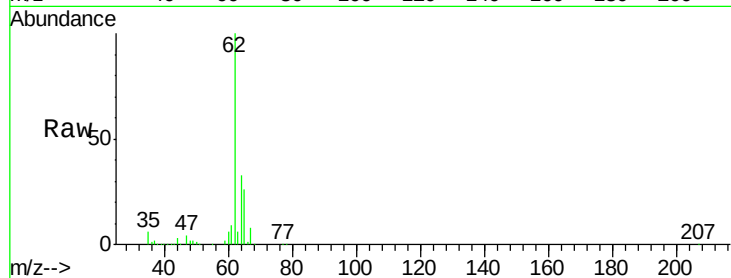
ESXG3DL

Tot Ion: 62 Resp: 162188

Ion Ratio Lower Upper

62 100

64 33.4 23.5 43.7



#18

trans-1,2-Dichloroethene

Concen: 0.248 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

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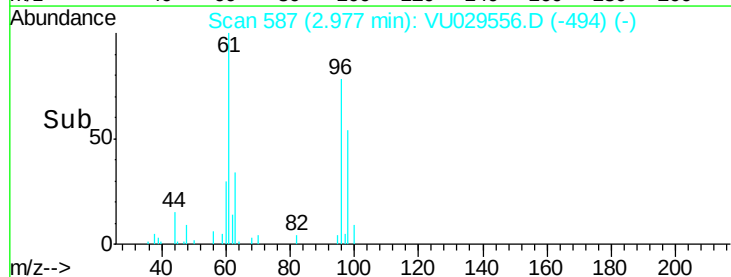
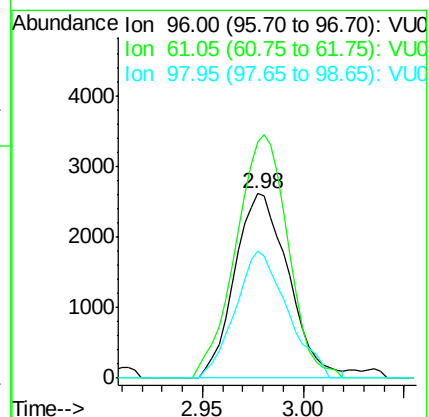
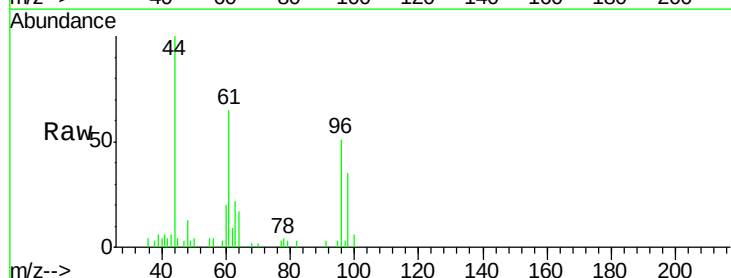
Tgt Ion: 96 Resp: 4857

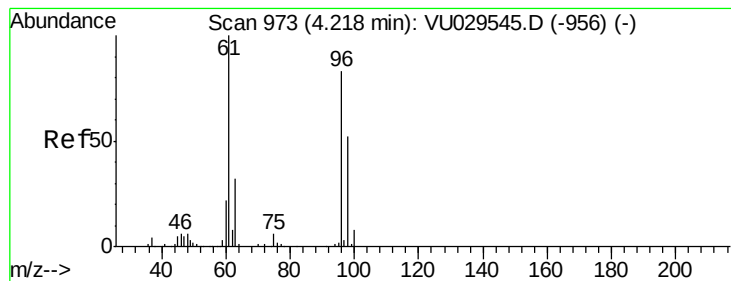
Ion Ratio Lower Upper

96 100

61 127.6 95.4 177.2

98 68.7 45.8 85.2



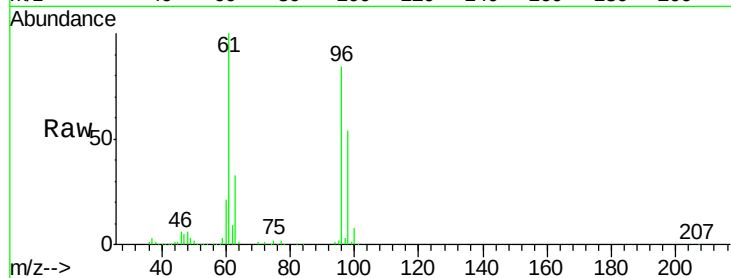


#22

cis-1,2-Dichloroethene
 Concen: 30.509 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029556.D
 Acq: 19 Feb 2019 15:40

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXG3DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.5	79.9	148.5
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

