

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029558.D
 Acq On : 19 Feb 2019 16:27
 Operator : JC/SP
 Sample : K1488-18DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF4DL

Quant Time: Feb 20 01:54:50 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	204344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	196638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56216	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.68	69	52952	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	90725	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.19	46	157407	55.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	4.65	84	89093	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	58964	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.34	84	219307	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	69242	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	209407	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	27012	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	152531	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61095	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	93058	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

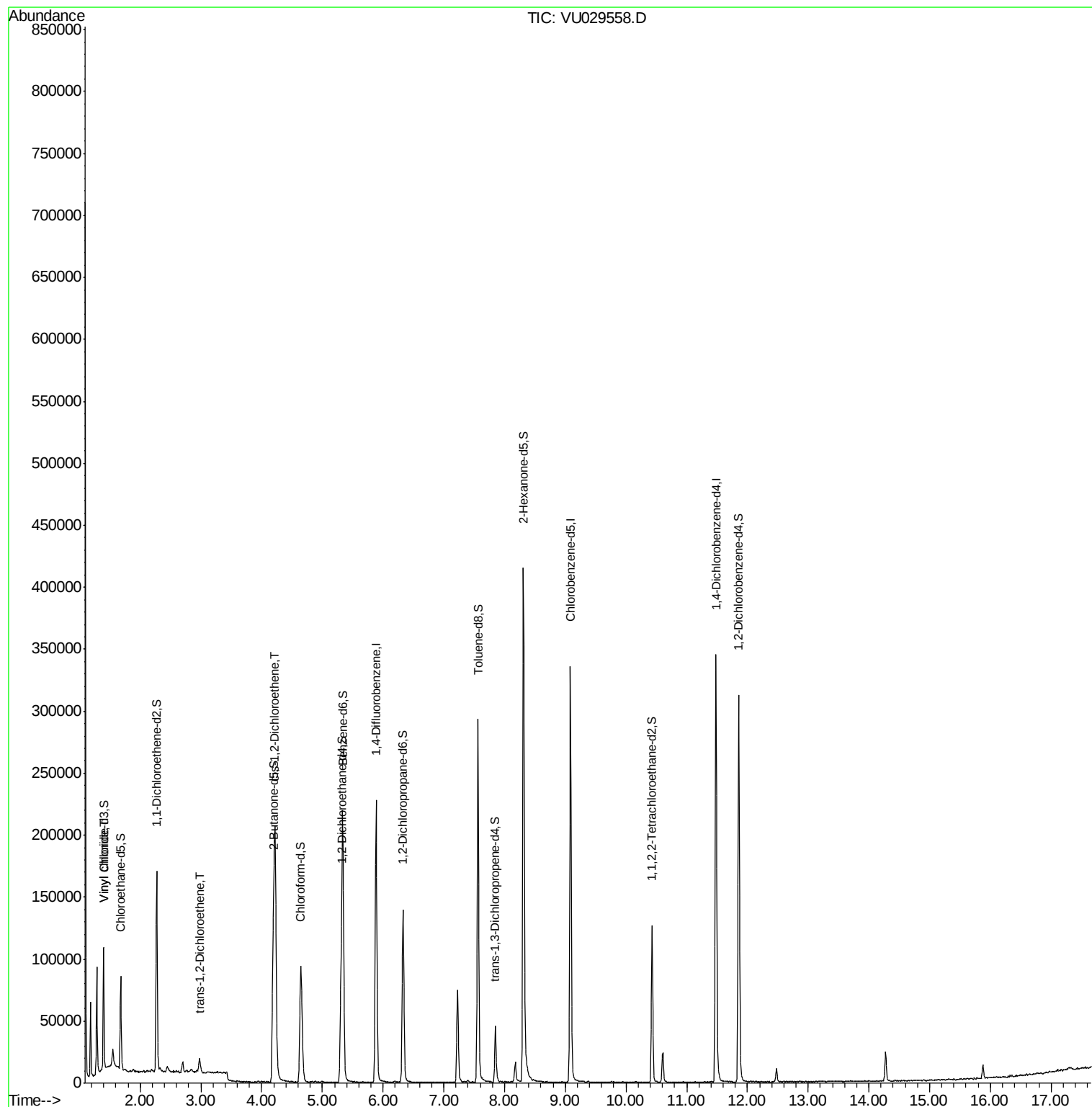
					Ovalue
5) Vinyl chloride	1.40	62	5603	0.285 ug/L	# 1
18) trans-1,2-Dichloroethene	2.98	96	4275	0.238 ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	104650	6.344 ug/L	92

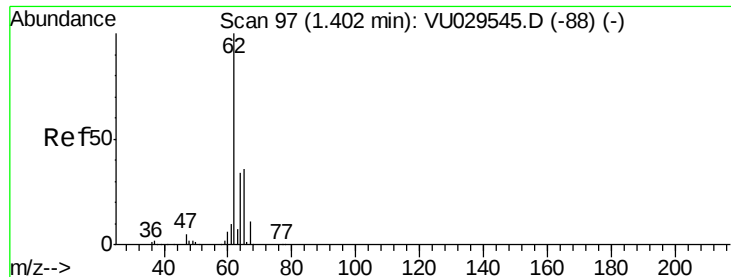
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.285 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

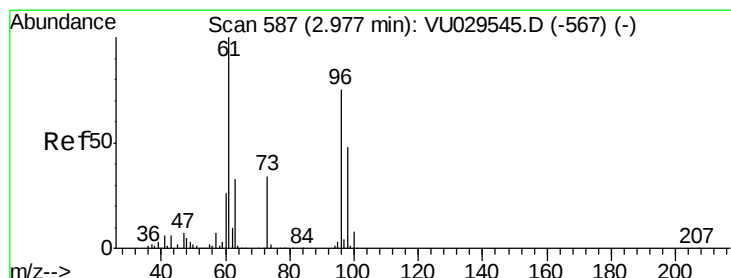
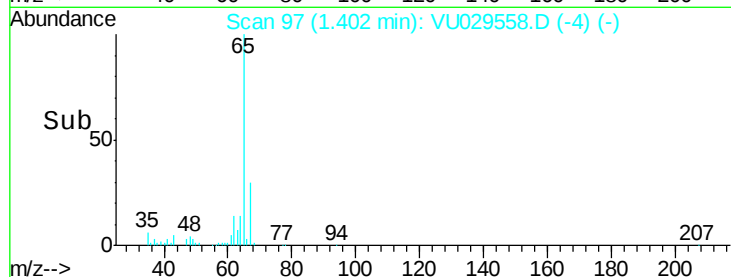
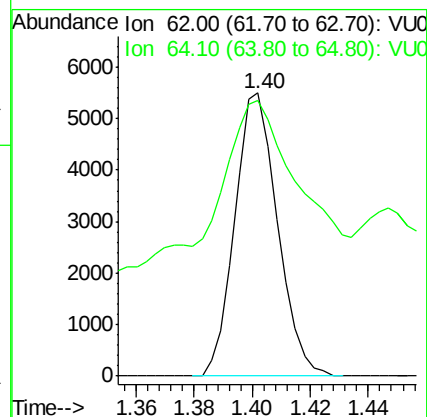
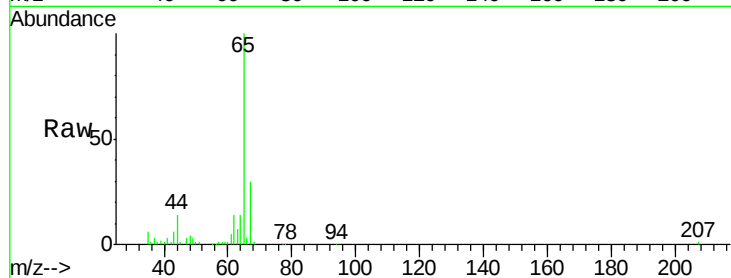
ESXF4DL

Tot Ion: 62 Resp: 5603

Ion Ratio Lower Upper

62 100

64 97.3 23.5 43.7#



#18

trans-1,2-Dichloroethene

Concen: 0.238 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

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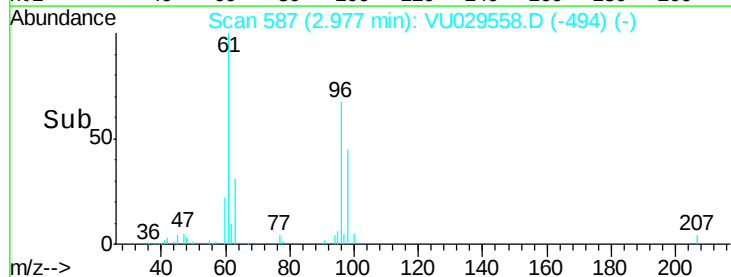
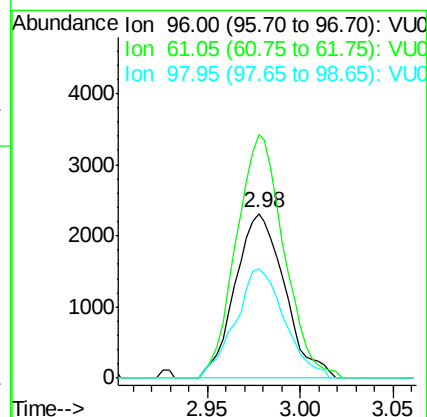
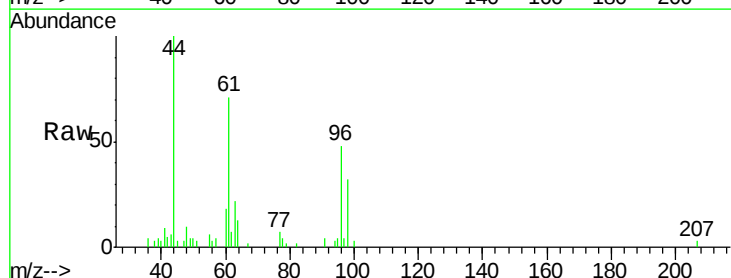
Tgt Ion: 96 Resp: 4275

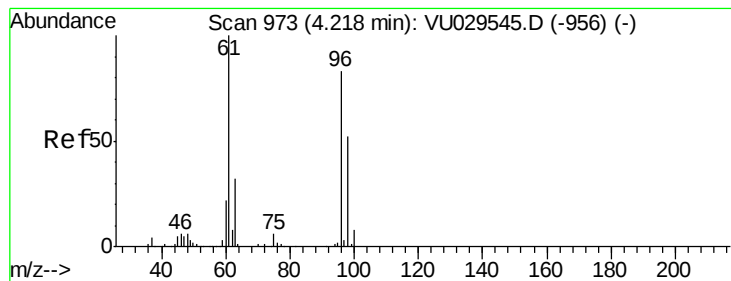
Ion Ratio Lower Upper

96 100

61 148.2 95.4 177.2

98 66.8 45.8 85.2



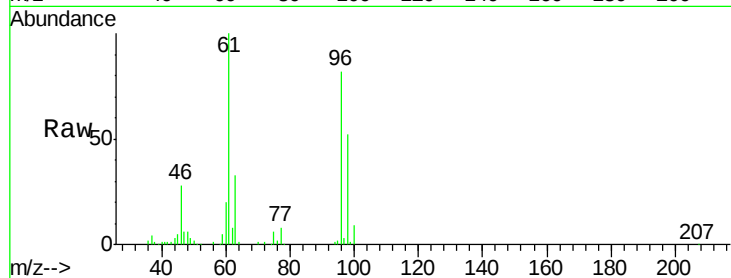


#22

cis-1,2-Dichloroethene
 Concen: 6.344 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
96	100		
61	122.5	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

