

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025439.D
 Acq On : 16 Jul 2018 21:21
 Operator : MD/SY
 Sample : J3984-04DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB177DL

Quant Time: Jul 17 03:57:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	301965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74691	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.90%
7) Chloroethane-d5	1.68	69	65272	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.30%
11) 1,1-Dichloroethene-d2	2.27	63	118429	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	4.18	46	174466	96.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.65	84	184423	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.31	65	132248	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	5.35	84	357509	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.33	67	117602	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.84%
41) Toluene-d8	7.57	98	333845	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%
43) trans-1,3-Dichloropropene-	7.85	79	49495	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.31	63	128552	98.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170422	45.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	132596	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

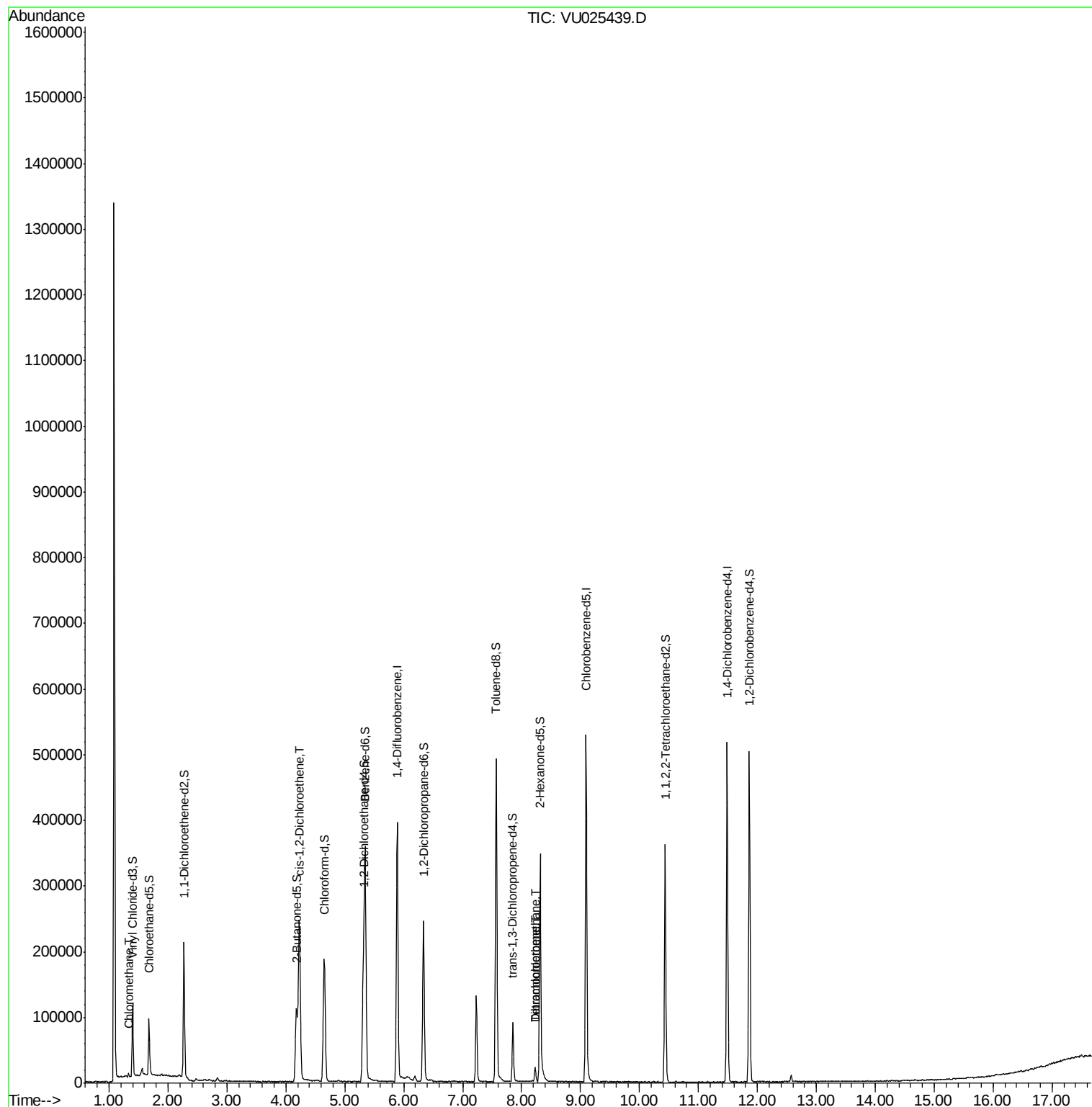
					Qvalue
3) Chloromethane	1.33	50	5529	1.783 ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	133628	52.593 ug/L	99
46) Tetrachloroethene	8.23	164	4629	2.375 ug/L	78
49) Dibromochloromethane	8.23	129	4714	1.887 ug/L #	11

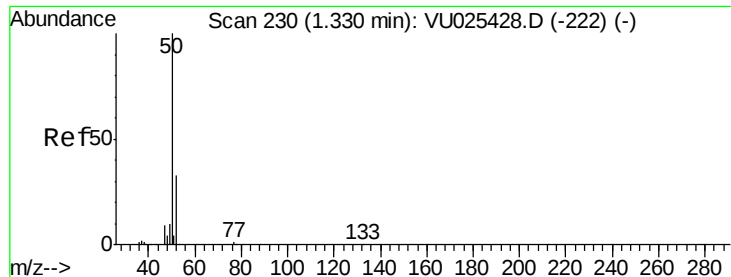
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.783 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025439.D

Acq: 16 Jul 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

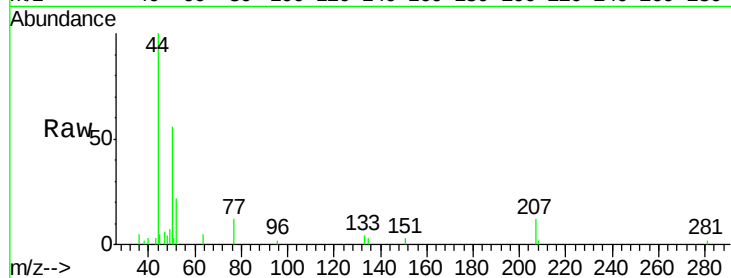
DB177DL

Tgt Ion: 50 Resp: 5529

Ion Ratio Lower Upper

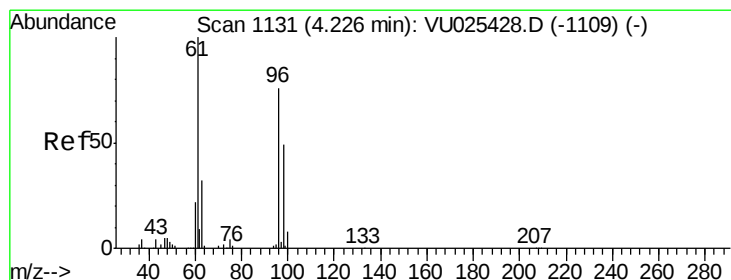
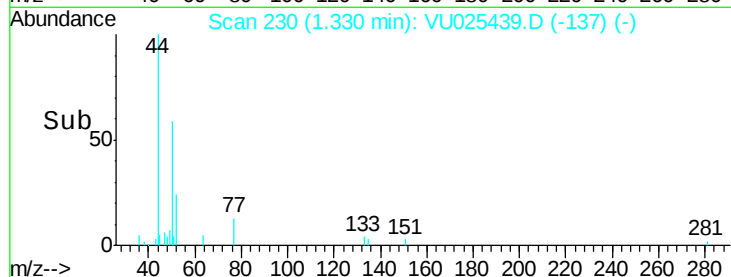
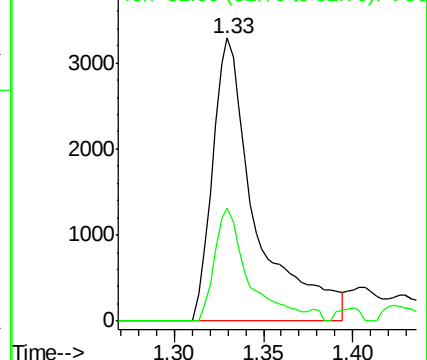
50 100

52 39.9 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 52.593 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU025439.D

Acq: 16 Jul 2018 21:21

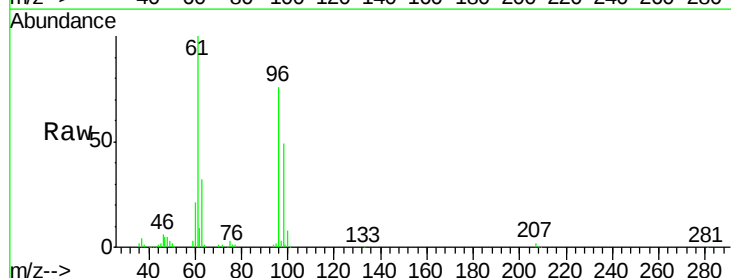
Tgt Ion: 96 Resp: 133628

Ion Ratio Lower Upper

96 100

61 132.4 92.0 170.9

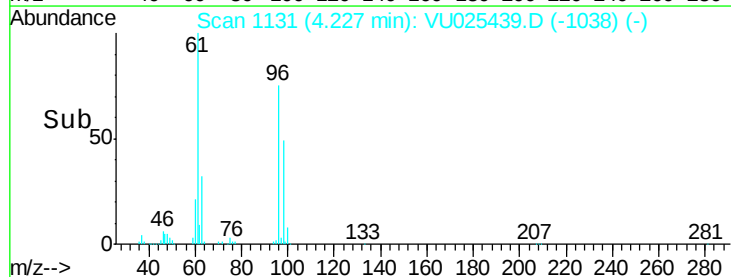
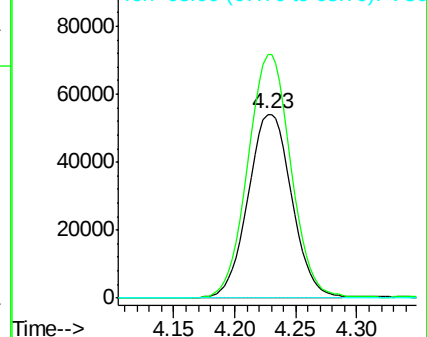
68 0.0 0.0 0.0

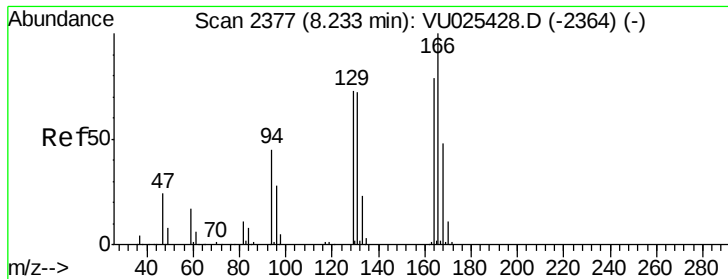


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

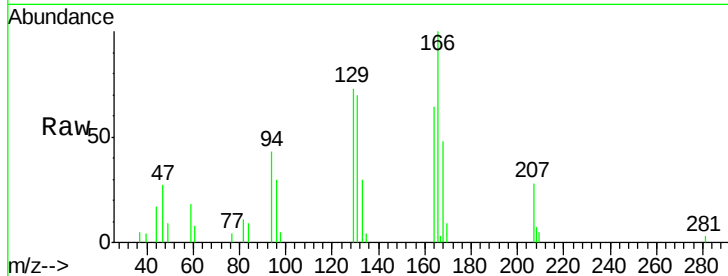




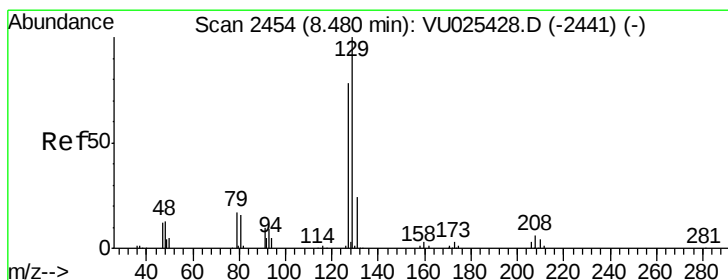
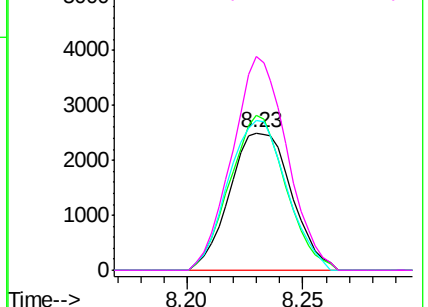
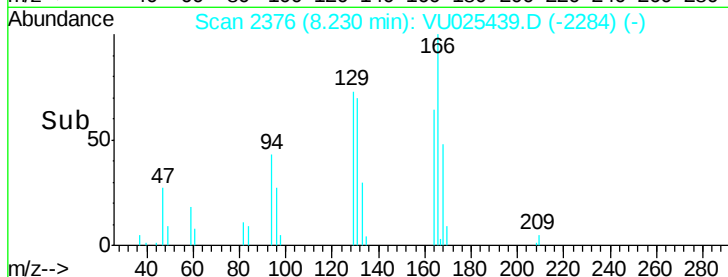
#46
Tetrachloroethene
Concen: 2.375 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025439.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 4629
Ion Ratio Lower Upper
164 100
129 113.3 64.7 120.1
131 109.1 63.1 117.3
166 155.9 89.7 166.5

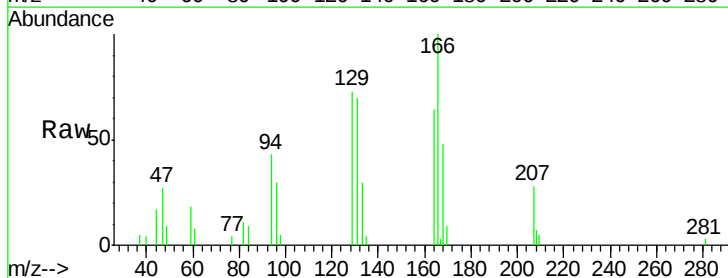


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#49
Dibromochloromethane
Concen: 1.887 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU025439.D
Acq: 16 Jul 2018 21:21

Tgt Ion:129 Resp: 4714
Ion Ratio Lower Upper
129 100
127 0.0 54.4 101.0#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

