

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025579.D
 Acq On : 21 Jul 2018 12:54
 Operator : MD/SY
 Sample : J4037-06ME
 Misc : 5.54g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEY49ME

Manual Integrations
 APPROVED

sam
 7/24/2018 9:28:22 AM

Quant Time: Jul 23 01:51:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324154	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309925	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	174451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47642	25.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.48%#
7) Chloroethane-d5	1.64	69	33813m	22.15	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.30%#
11) 1,1-Dichloroethene-d2	2.24	63	85192m	22.11	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.22%#
21) 2-Butanone-d5	4.19	46	131830	92.27	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.27%
24) Chloroform-d	4.65	84	153134	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.30%
26) 1,2-Dichloroethane-d4	5.31	65	107980	39.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.22%
32) Benzene-d6	5.34	84	283827	35.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.42%
36) 1,2-Dichloropropane-d6	6.33	67	97636	38.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.24%
41) Toluene-d8	7.57	98	268745	35.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.52%#
43) trans-1,3-Dichloropropene-	7.85	79	47652	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
47) 2-Hexanone-d5	8.32	63	105681	98.55	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.55%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161449	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.87	152	139269	39.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.78%#

Target Compounds					Ovalue
46) Tetrachloroethene	8.23	164	63019	30.77 ug/L	97

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

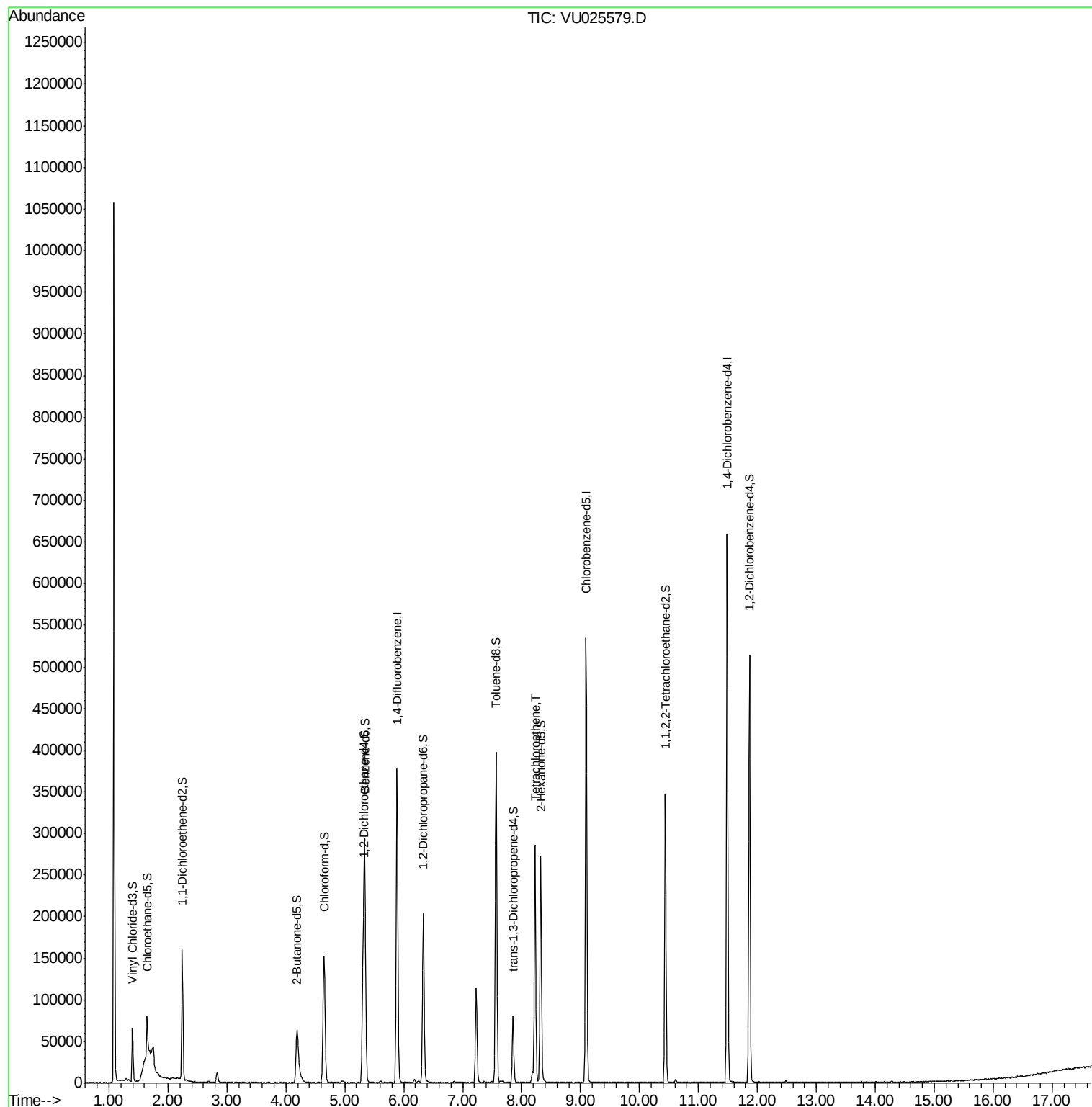
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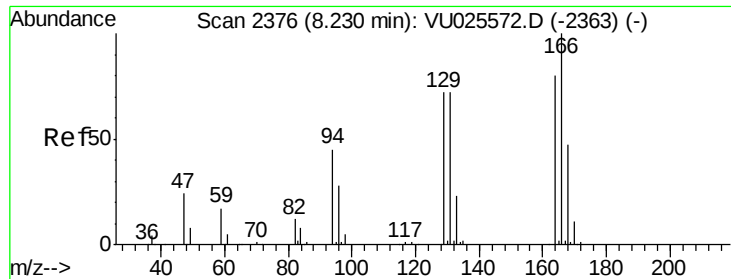
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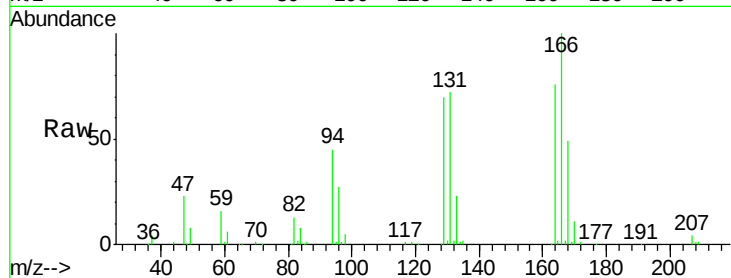
#46
Tetrachloroethene
Concen: 30.77 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025579.D
Acq: 21 Jul 2018 12:54

Instrument :
MSVOA_U
ClientSampleId :
BEY49ME

Tot Ion:	164	Resp:	63019
Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.1	120.9
131	94.4	62.8	116.6
166	131.9	89.7	166.7

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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

