

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
 Data File : VU032211.D
 Acq On : 21 May 2019 20:05
 Operator : JC/SP
 Sample : K2788-15ME
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A6ME

Quant Time: May 22 04:19:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:08:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	859421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	870889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	409392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222599	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.64	69	105466	21.59	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.18%#
11) 1,1-Dichloroethene-d2	2.21	63	331878	31.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	4.21	46	351799	101.71	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.64	84	460160	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.30	65	289760	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.32	84	972683	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.32	67	290718	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.96%
41) Toluene-d8	7.56	98	906369	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.85	79	134371	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.33	63	285731	96.36	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	481134	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	378369	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%

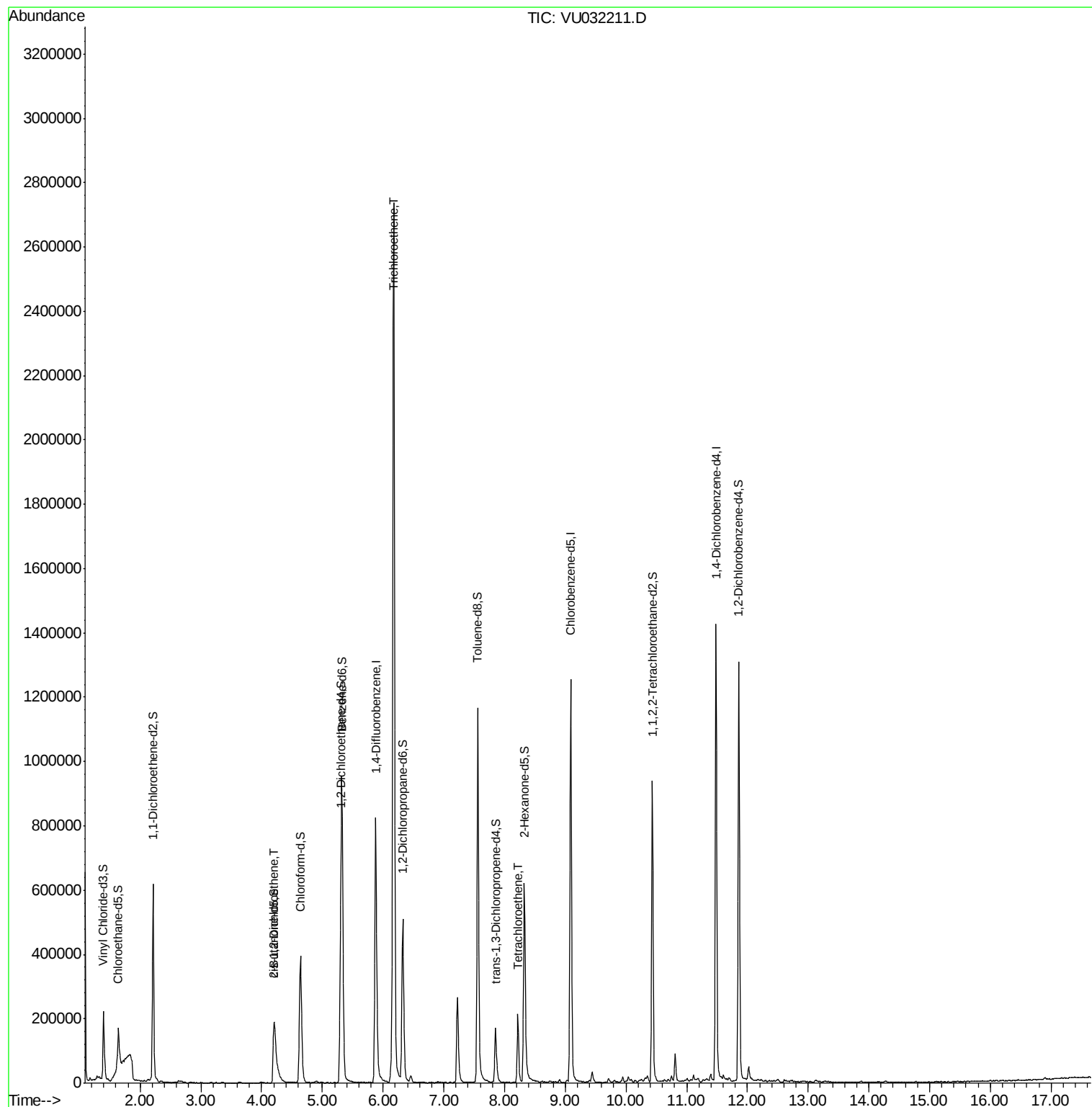
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	30093	4.516 ug/L	94
34) Trichloroethene	6.17	95	1027389	158.008 ug/L	98
46) Tetrachloroethene	8.22	164	55519	10.340 ug/L	98

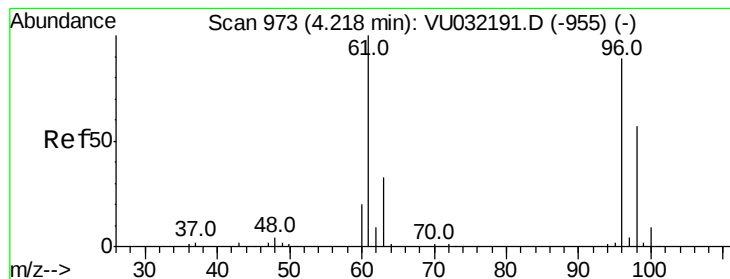
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.516 ug/L

RT: 4.21 min Scan# 969

Delta R.T. -0.01 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

Instrument :

MSVOA_U

ClientSampleId :

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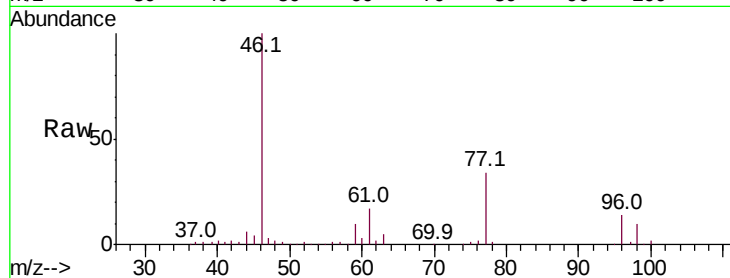
Tot Ion: 96 Resp: 30093

Ion Ratio Lower Upper

96 100

61 120.5 79.9 148.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032191.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU032191.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU032191.D (-955) (-)

Time-->

4.15 4.20 4.25 4.30

15000

10000

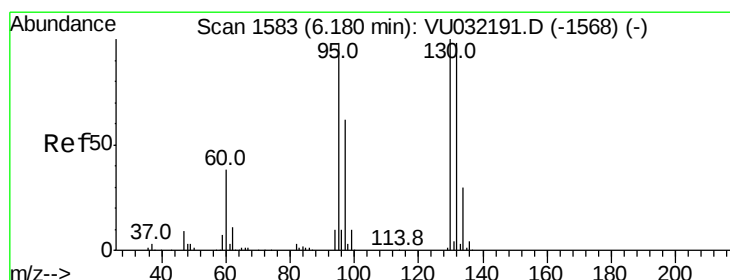
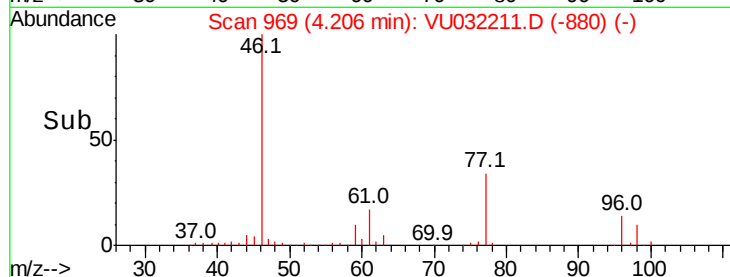
5000

0

4.21

Time-->

4.15 4.20 4.25 4.30



#34

Trichloroethene

Concen: 158.008 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

Tgt Ion: 95 Resp: 1027389

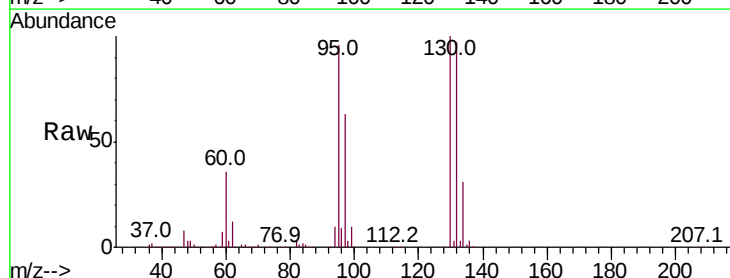
Ion Ratio Lower Upper

95 100

97 65.4 44.5 82.7

132 100.9 69.4 129.0

130 104.1 73.8 137.0



Abundance Ion 95.00 (94.70 to 95.70): VU032191.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU032191.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU032191.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU032191.D (-1568) (-)

Time-->

6.10 6.20 6.30

800000

600000

400000

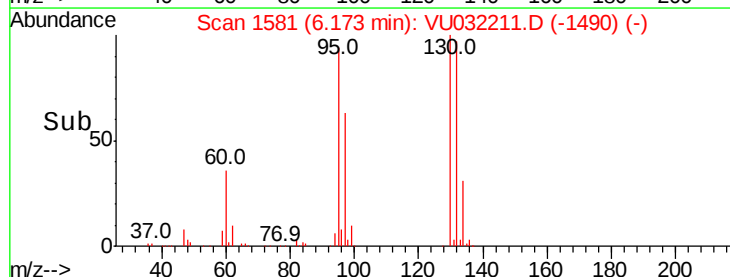
200000

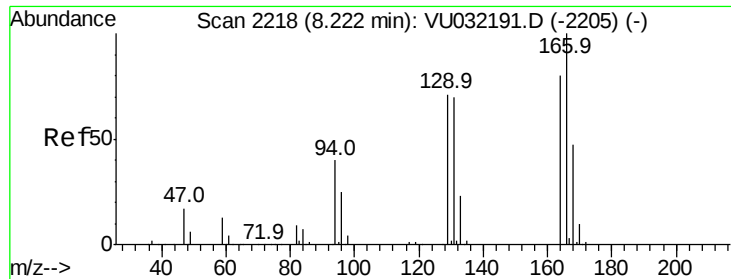
0

6.17

Time-->

6.10 6.20 6.30





#46

Tetrachloroethene

Concen: 10.340 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032211.D

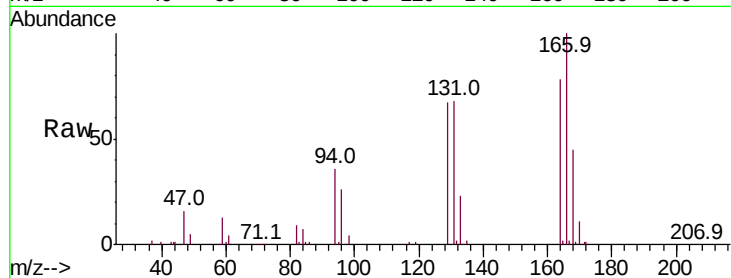
Acq: 21 May 2019 20:05

Instrument :

MSVOA_U

ClientSampleId :

A51A6ME



Tot Ion:164 Resp: 55519

Ion Ratio Lower Upper

164 100

129 85.7 60.8 113.0

131 87.2 59.7 110.9

166 127.6 87.6 162.6

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

