

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
 Data File : VU032196.D
 Acq On : 21 May 2019 13:46
 Operator : JC/SP
 Sample : K2853-02ME
 Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A5ME

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:04:39 AM

Quant Time: May 22 02:40:26 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	901612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	904933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	436021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	253164	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.10%
7) Chloroethane-d5	1.64	69	118118	23.05	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.10%#
11) 1,1-Dichloroethene-d2	2.21	63	368453m	32.90	ug/L	-0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	4.21	46	380663	104.90	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.64	84	492751	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	5.30	65	318866	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.32	84	1065949	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
36) 1,2-Dichloropropane-d6	6.32	67	319626	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.12%
41) Toluene-d8	7.56	98	1001796	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	149862	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.33	63	315359	102.35	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	512700	46.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	409420	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	32029	4.582 ug/L	94
34) Trichloroethene	6.17	95	1175121	173.930 ug/L	99
46) Tetrachloroethene	8.22	164	59692	10.699 ug/L	97

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

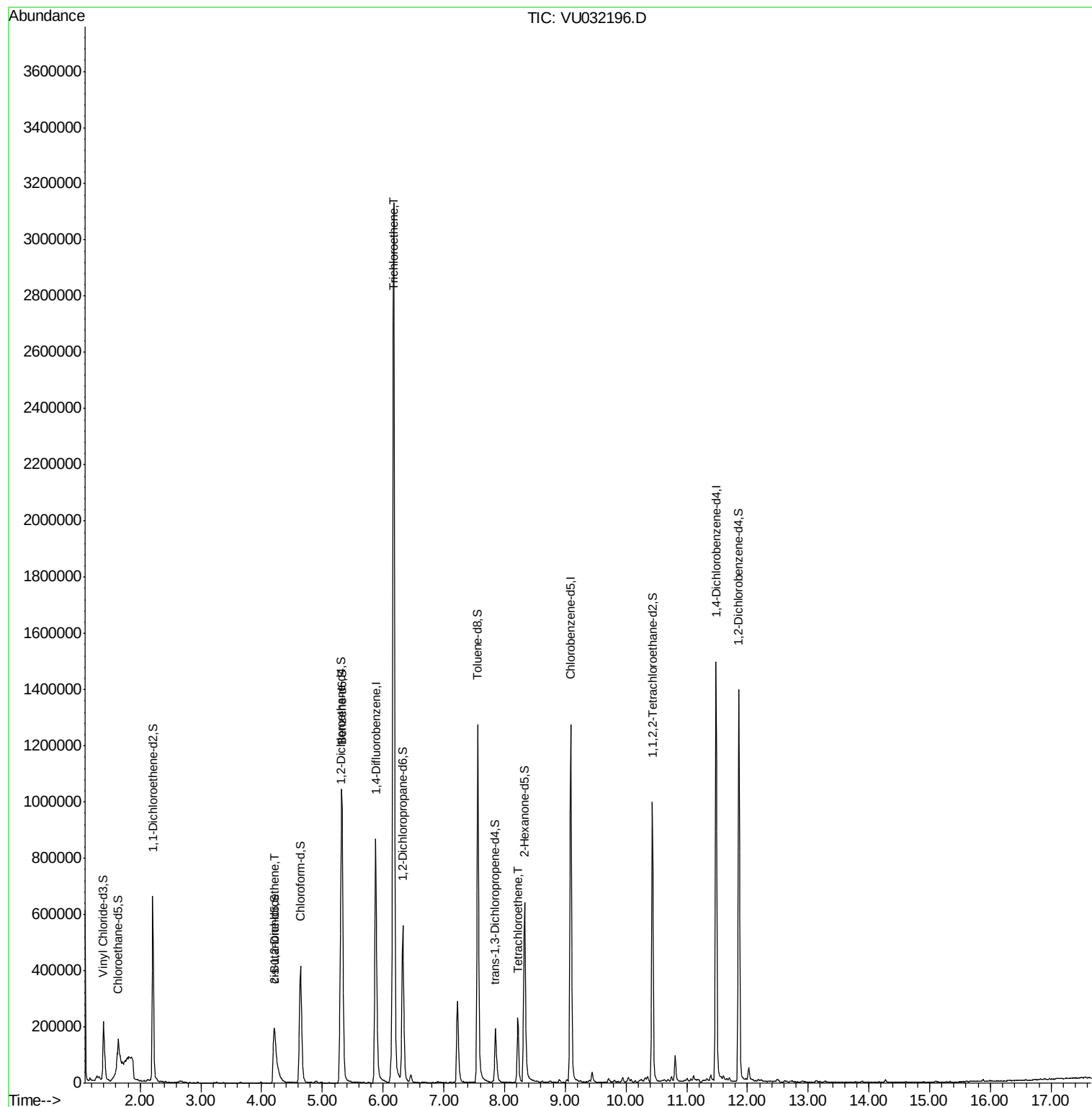
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052119\
Data File : VU032196.D
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ALS Vial : 14 Sample Multiplier: 1

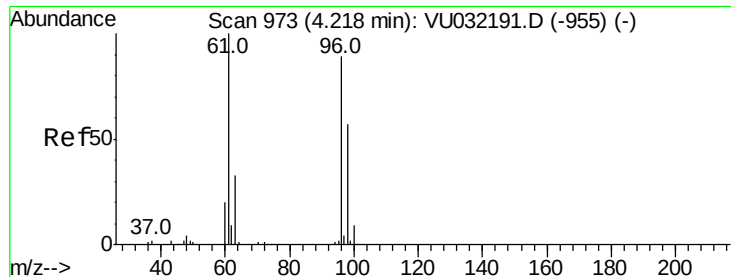
Instrument :
MSVOA_U
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Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 4.582 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU032196.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

A51A5ME

Tot Ion: 96 Resp: 32029

Ion Ratio Lower Upper

96 100

61 107.6 79.9 148.3

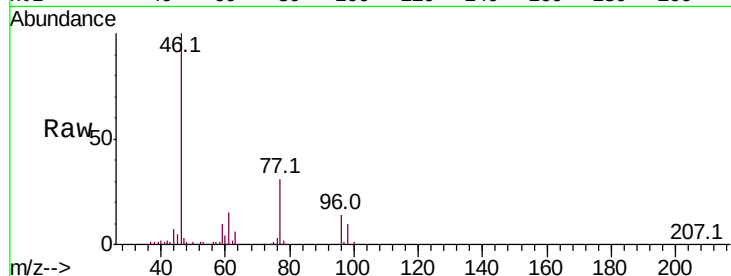
68 0.0 0.0 0.0

Manual Integrations

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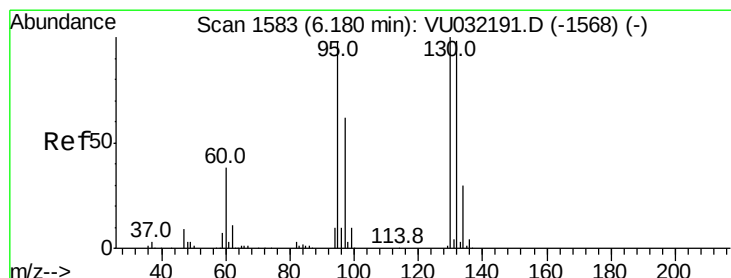
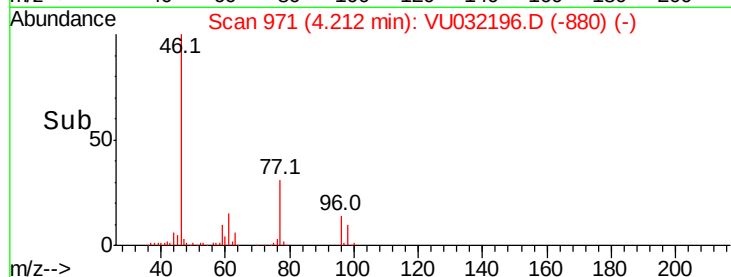
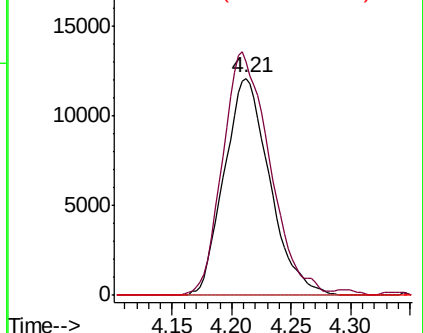
5/22/2019 10:04:39 AM



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



#34

Trichloroethene

Concen: 173.930 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VU032196.D

Acq: 21 May 2019 13:46

Tgt Ion: 95 Resp: 1175121

Ion Ratio Lower Upper

95 100

97 65.4 44.5 82.7

132 100.9 69.4 129.0

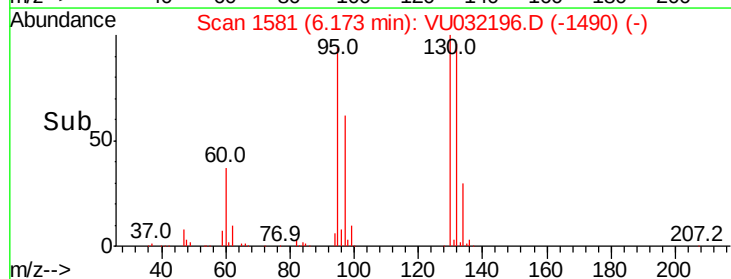
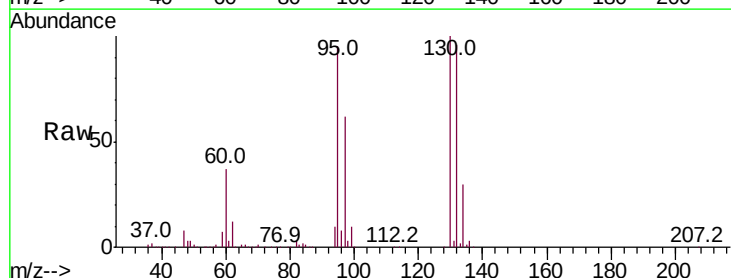
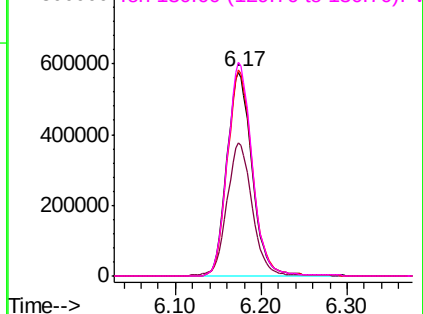
130 104.7 73.8 137.0

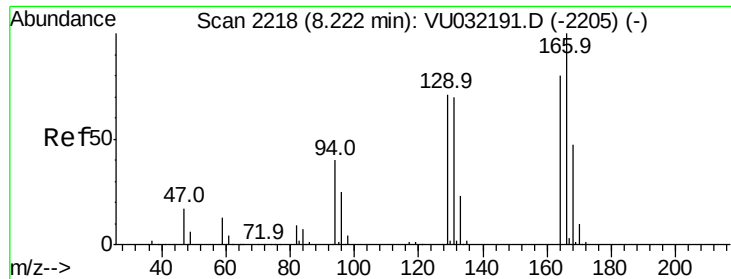
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





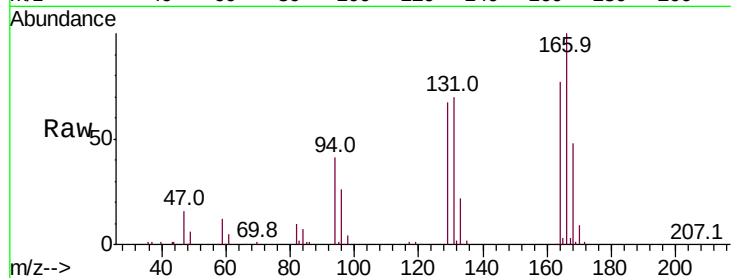
#46
Tetrachloroethene
Concen: 10.699 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032196.D
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Instrument :
MSVOA_U
ClientSampleId :
A51A5ME

Tot Ion	Ratio	Lower	Upper
164	100		
129	86.9	60.8	113.0
131	90.2	59.7	110.9
166	129.5	87.6	162.6

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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

