

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040919\
 Data File : VU030900.D
 Acq On : 08 Apr 2019 13:05
 Operator : JC/SP
 Sample : K2277-11MERE
 Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF174MERE

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 11:05:31 AM

Quant Time: Apr 09 04:17:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80569	17.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.58%#
7) Chloroethane-d5	1.64	69	58248	16.47	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.94%#
11) 1,1-Dichloroethene-d2	2.23	63	124029m	14.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	29.42%#
21) 2-Butanone-d5	4.20	46	145761	39.46	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	39.46%#
24) Chloroform-d	4.64	84	142427	20.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.00%#
26) 1,2-Dichloroethane-d4	5.30	65	108139	22.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	44.52%#
32) Benzene-d6	5.33	84	294897	19.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	39.48%#
36) 1,2-Dichloropropane-d6	6.32	67	102386	20.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	40.00%#
41) Toluene-d8	7.56	98	243641	18.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	36.80%#
43) trans-1,3-Dichloropropene-	7.85	79	44805	19.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.40%#
47) 2-Hexanone-d5	8.32	63	95466	40.80	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	40.80%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156656	22.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	45.38%#
64) 1,2-Dichlorobenzene-d4	11.86	152	96966	21.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	42.64%#

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	21102	5.138 ug/L	96
46) Tetrachloroethene	8.22	164	25142	8.421 ug/L	92

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

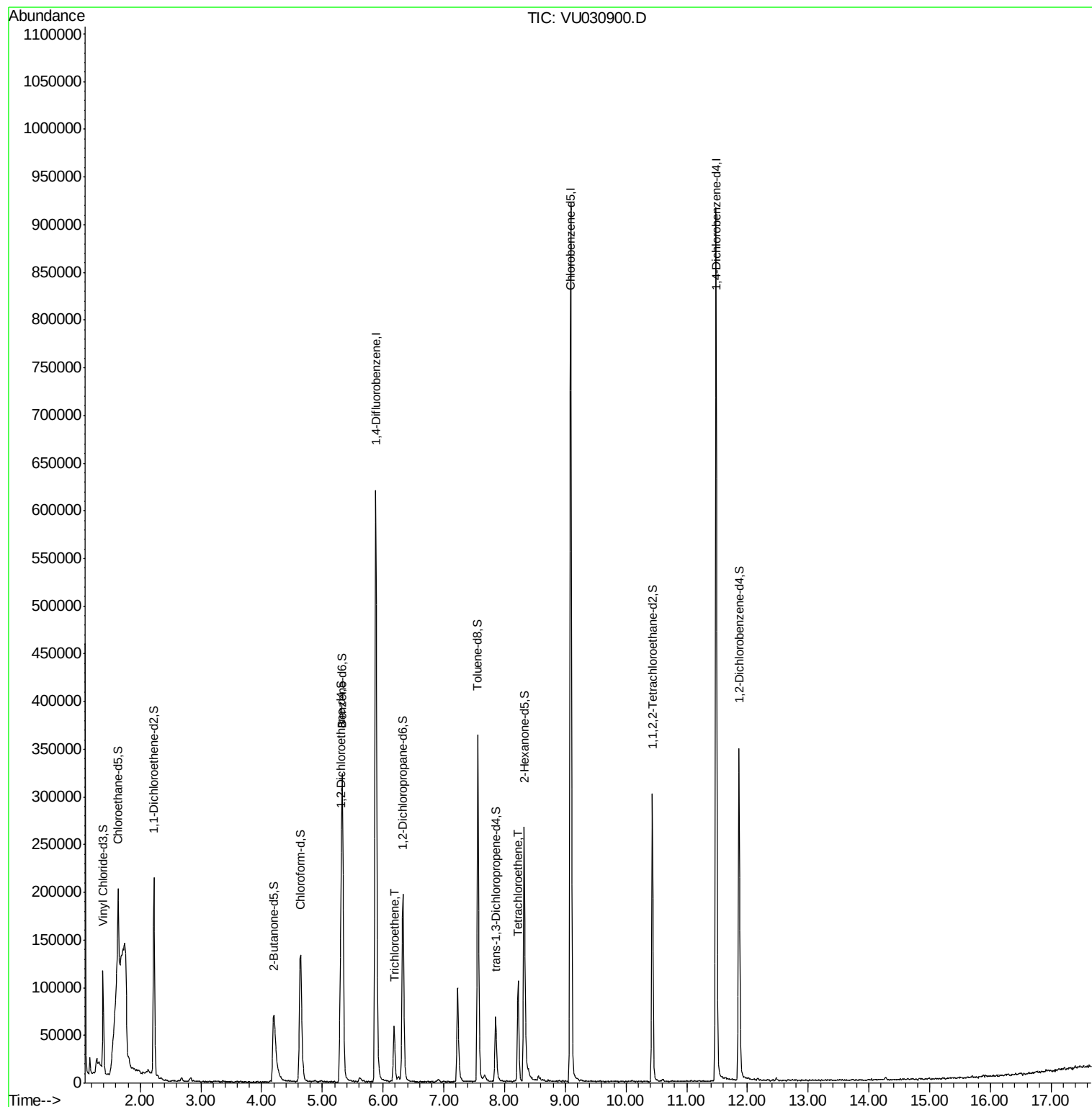
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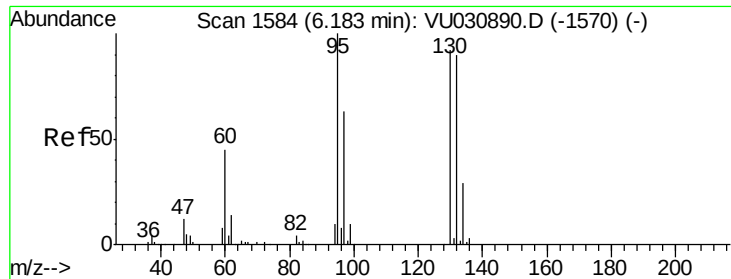
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#34

Trichloroethene

Concen: 5.138 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030900.D

Acq: 08 Apr 2019 13:05

Instrument :

MSVOA_U

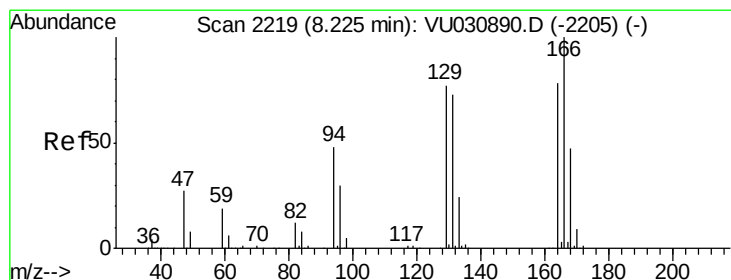
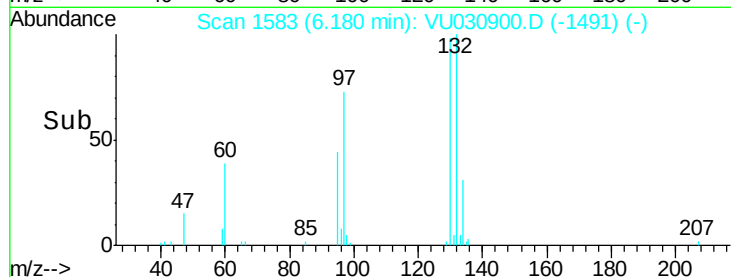
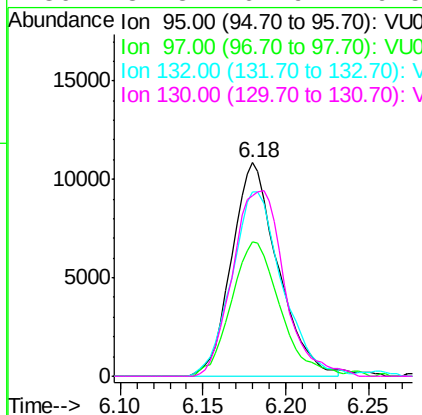
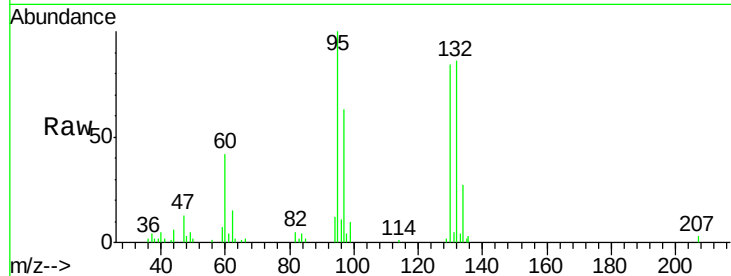
ClientSampleId :

BF174MERE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		21102		
97	62.9	44.5	82.7		
132	86.1	61.5	114.1		
130	84.3	64.9	120.5		

Manual Integrations
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#46

Tetrachloroethene

Concen: 8.421 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		25142		
129	85.6	67.4	125.2		
131	87.5	65.9	122.5		
166	118.2	88.6	164.6		

