

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030645.D
 Acq On : 03 Apr 2019 22:08
 Operator : JC/SP
 Sample : K2167-09ME
 Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:39 AM

Quant Time: Apr 04 09:12:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	624722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	603708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293254	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77978	15.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	31.02%#
7) Chloroethane-d5	1.64	69	51347m	12.88	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	25.76%#
11) 1,1-Dichloroethene-d2	2.24	63	117728	12.34	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	24.68%#
21) 2-Butanone-d5	4.19	46	132175	27.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	27.97%#
24) Chloroform-d	4.64	84	125869	14.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	29.06%#
26) 1,2-Dichloroethane-d4	5.30	65	86503	15.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	30.52%#
32) Benzene-d6	5.33	84	278645	16.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	32.18%#
36) 1,2-Dichloropropane-d6	6.33	67	92918	15.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	31.38%#
41) Toluene-d8	7.56	98	243073	15.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	31.26%#
43) trans-1,3-Dichloropropene-	7.85	79	39940	14.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.68%#
47) 2-Hexanone-d5	8.32	63	91893	28.63	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	28.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132157	15.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	31.18%#
64) 1,2-Dichlorobenzene-d4	11.86	152	92809	15.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	31.58%#

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	41540	8.222 ug/L	98
46) Tetrachloroethene	8.22	164	470354	133.296 ug/L	97

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

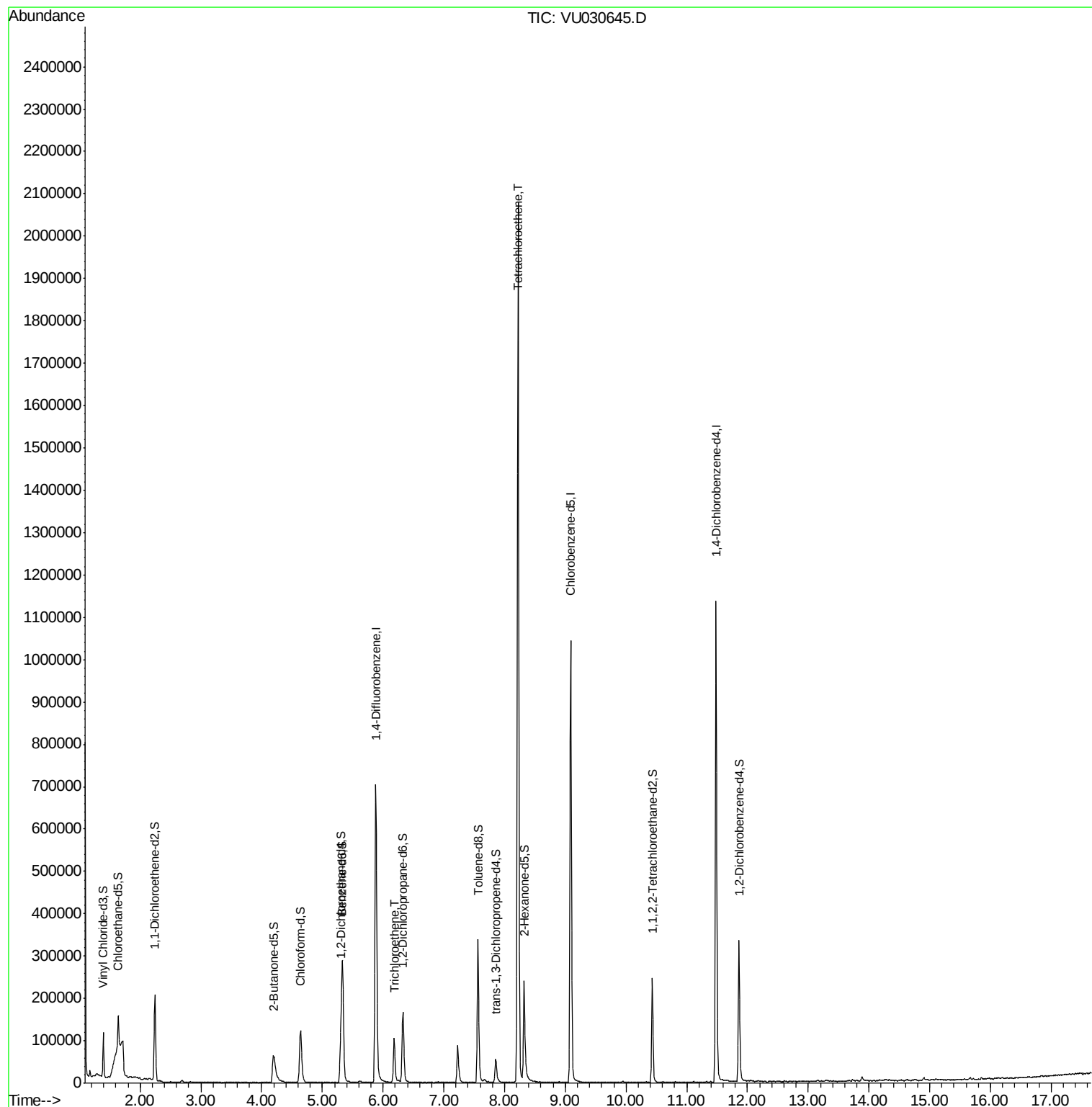
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040419\
Data File : VU030645.D
Acq On : 03 Apr 2019 22:08
Operator : JC/SP
Sample : K2167-09ME
Misc : 5.90µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

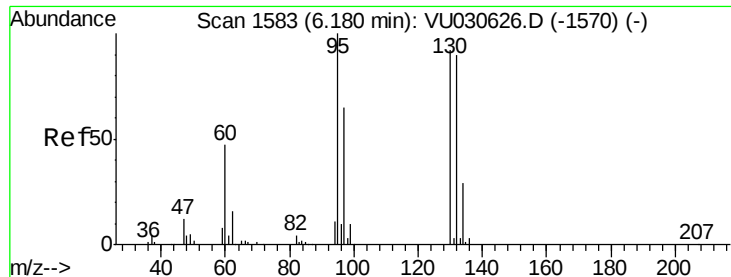
Instrument :
MSVOA_U
ClientSampleId :
BF110ME

Manual Integrations
APPROVED

MMDadoda
4/4/2019 11:52:39 AM

Quant Time: Apr 04 09:12:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration





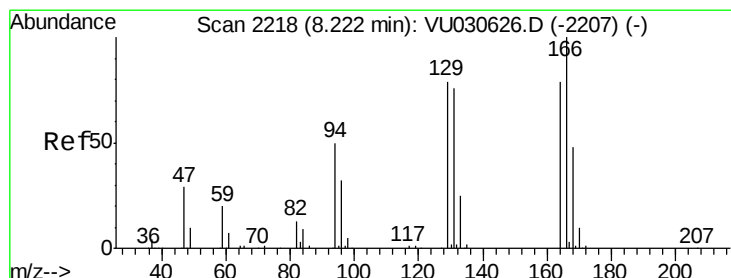
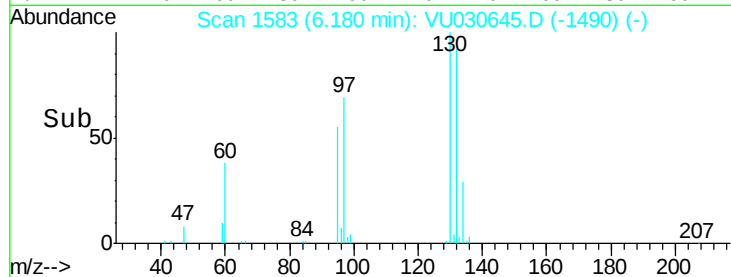
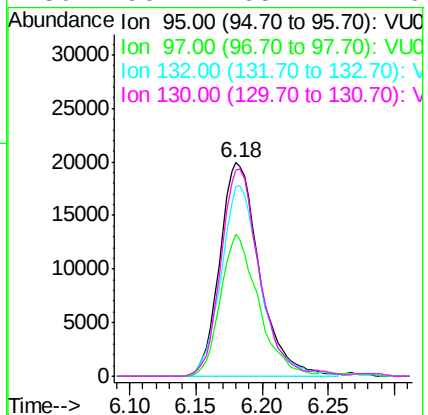
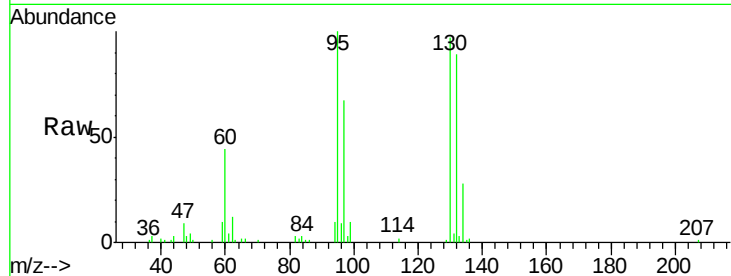
#34
 Trichloroethene
 Concen: 8.222 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU030645.D
 Acq: 03 Apr 2019 22:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		41540		
97	66.7	45.7	84.9		
132	88.8	63.8	118.4		
130	96.7	65.7	121.9		

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:39 AM



#46
 Tetrachloroethene
 Concen: 133.296 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU030645.D
 Acq: 03 Apr 2019 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		470354		
129	96.5	68.1	126.5		
131	93.0	67.7	125.7		
166	126.4	92.4	171.6		

