

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
 Data File : VU030554.D
 Acq On : 29 Mar 2019 20:07
 Operator : JC/SP
 Sample : K2167-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2M1

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:58:52 AM

Quant Time: Mar 30 02:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 02:12:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420846	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147021	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.67	69	129223	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	2.27	63	219283m	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	4.17	46	326735	102.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.64	84	278844	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.31	65	191181	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.34	84	542209	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.33	67	199763	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.56	98	459061	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.85	79	81163	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.31	63	223733	103.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283525	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	156081	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
34) Trichloroethene	6.19	95	8412	2.465	ug/L	93
46) Tetrachloroethene	8.22	164	335553	140.781	ug/L	98

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

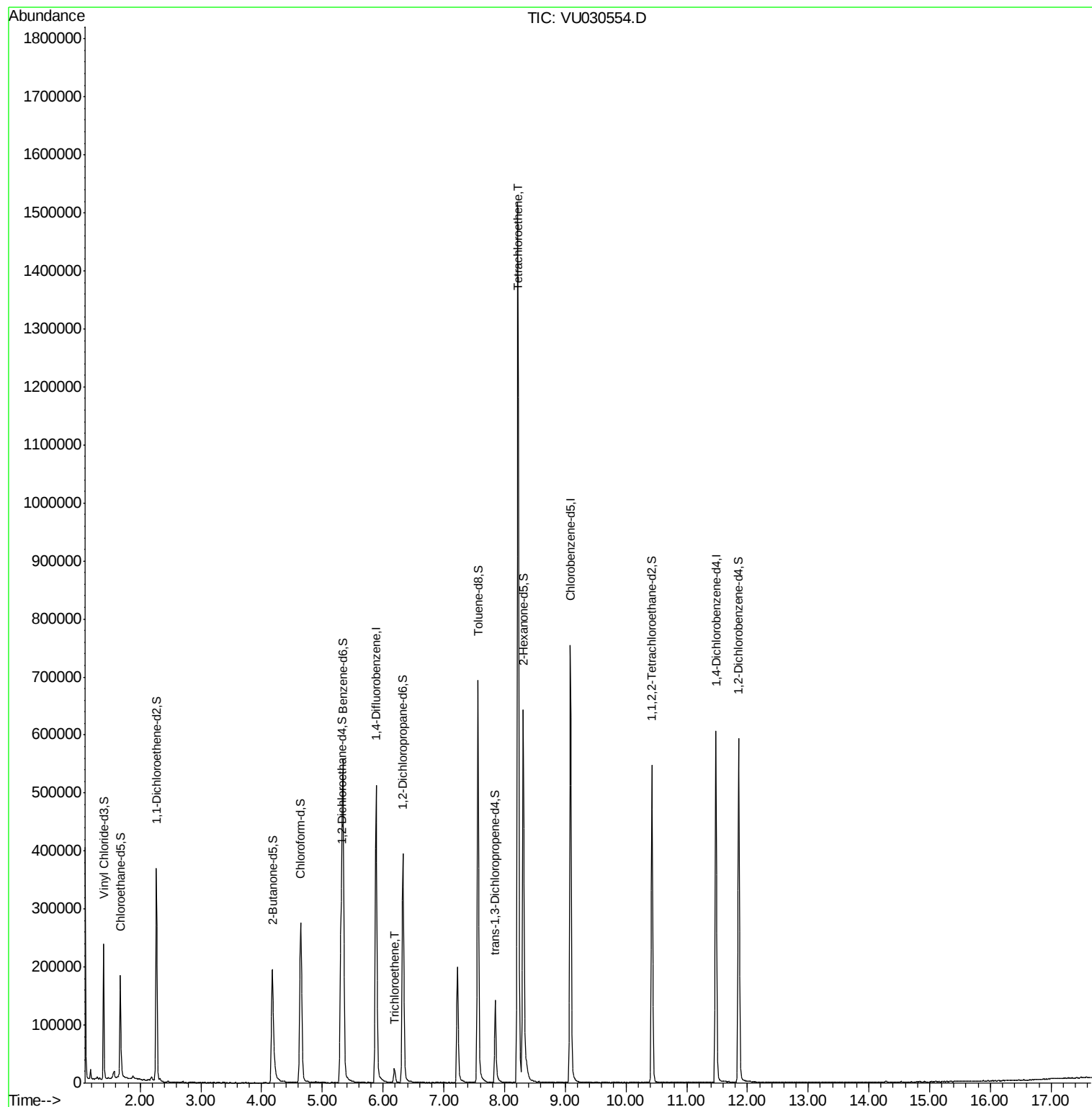
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
Data File : VU030554.D
Acq On : 29 Mar 2019 20:07
Operator : JC/SP
Sample : K2167-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

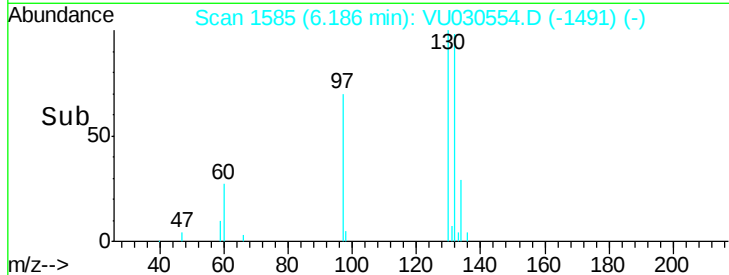
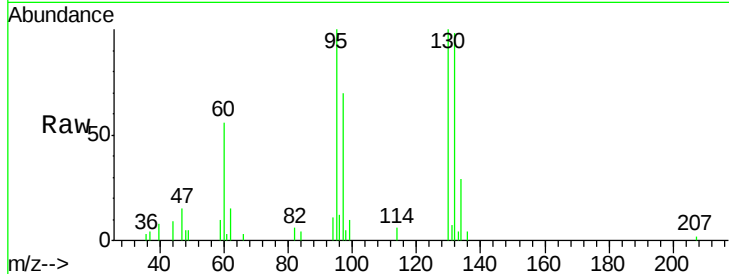
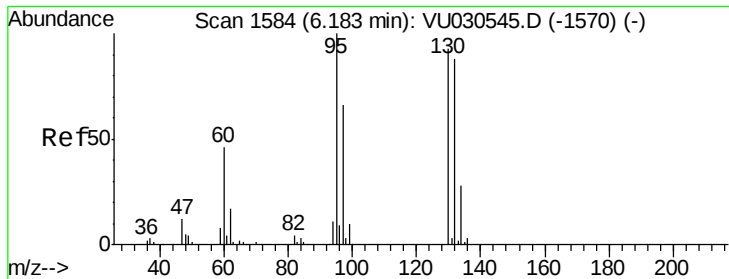
Instrument :
MSVOA_U
ClientSampleId :
BF2M1

Manual Integrations
APPROVED

MMDadoda
3/30/2019 9:58:52 AM

Quant Time: Mar 30 02:50:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration





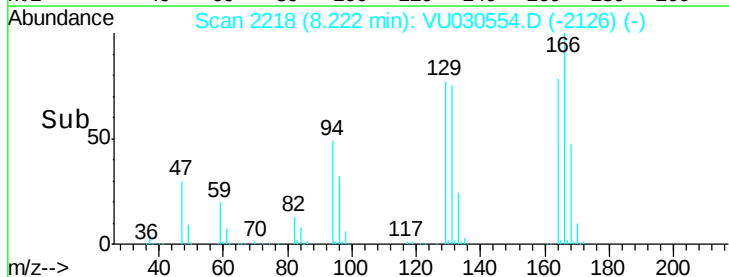
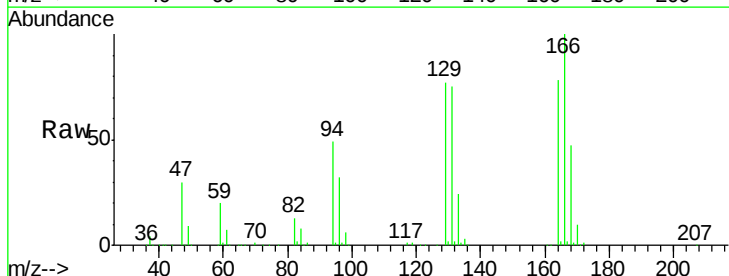
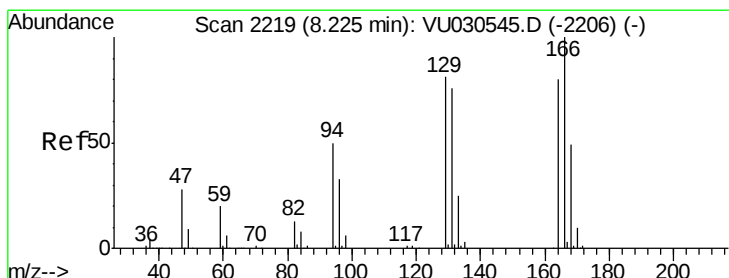
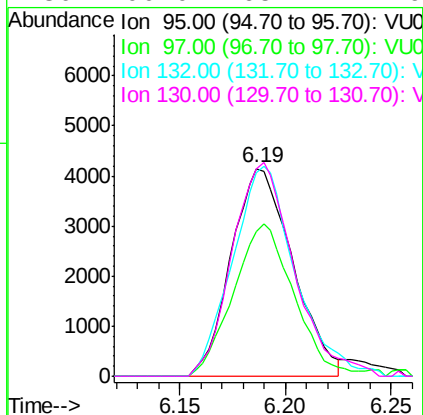
#34
 Trichloroethene
 Concen: 2.465 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030554.D
 Acq: 29 Mar 2019 20:07

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.7	84.9
132	98.0	63.8	118.4
130	100.0	65.7	121.9

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2M1

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:58:52 AM



#46
 Tetrachloroethene
 Concen: 140.781 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030554.D
 Acq: 29 Mar 2019 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.1	126.5
131	95.5	67.7	125.7
166	127.9	92.4	171.6

