

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009441.D
 Acq On : 25 Mar 2019 21:40
 Operator : SY/VA
 Sample : K2044-07
 Misc : 5.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:50 PM

Quant Time: Mar 26 09:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326823	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76805	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	2.89	69	93085	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.01	63	125131	14.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.28%
20) 2-Butanone-d5	7.08	46	88563	54.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.66%
24) Chloroform-d	7.64	84	219689	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	8.31	65	139225	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.64%
29) Benzene-d6	8.27	84	369760	25.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.28%
33) 1,2-Dichloropropane-d6	9.27	67	131505	29.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.72%
37) Toluene-d8	10.32	98	292000	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.57	79	44541	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.93	63	61017	56.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128384	29.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	82057	25.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.28%

Target Compounds

					Ovalue
13) Acetone	4.14	43	7286	5.501 ug/L	79
14) Carbon disulfide	4.37	76	61522	5.680 ug/L	98
16) Methylene chloride	4.90	84	32203m	6.757 ug/L	
34) Benzene	8.32	78	8134	0.556 ug/L	100
47) Tetrachloroethene	10.87	164	1515	0.460 ug/L	91

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

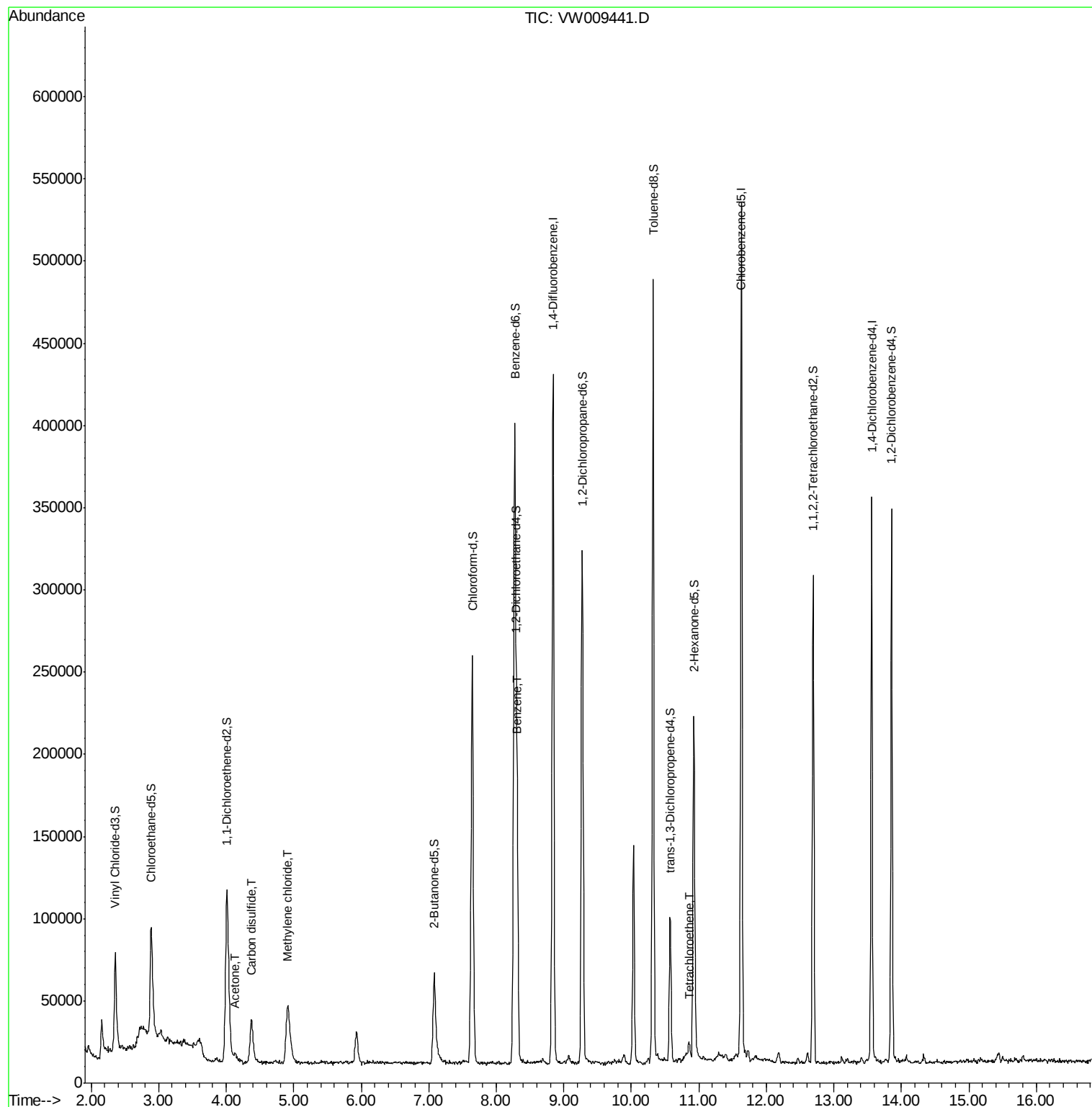
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009441.D
Acq On : 25 Mar 2019 21:40
Operator : SY/VA
Sample : K2044-07
Misc : 5.95G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

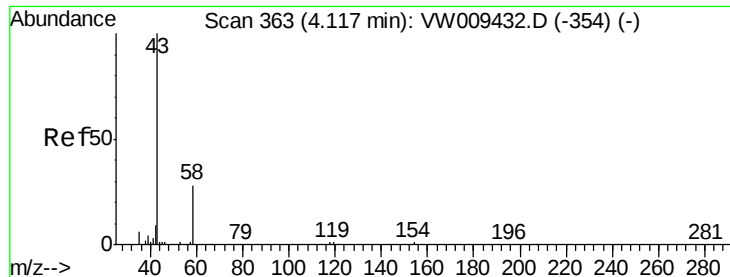
Instrument :
MSVOA_W
ClientSampleId :
BF5T7

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:14:50 PM

Quant Time: Mar 26 09:49:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





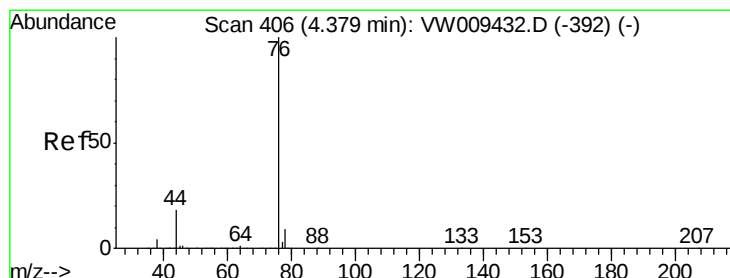
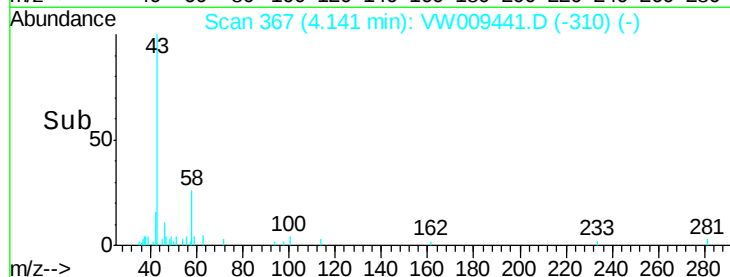
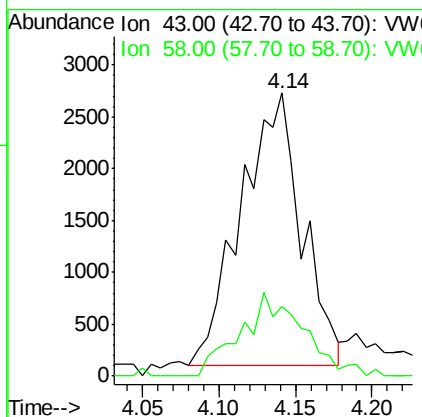
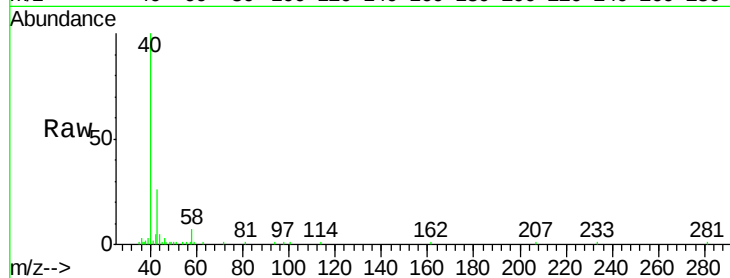
#13
Acetone
Concen: 5.501 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW009441.D
Acq: 25 Mar 2019 21:40

Instrument :
MSVOA_W
ClientSampleId :
BF5T7

Tot Ion: 43 Resp: 7286
Ion Ratio Lower Upper
43 100
58 17.0 0.0 56.2

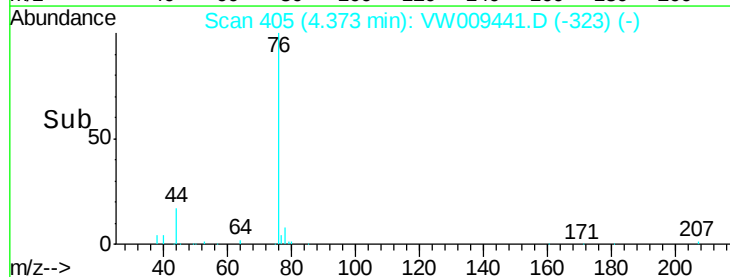
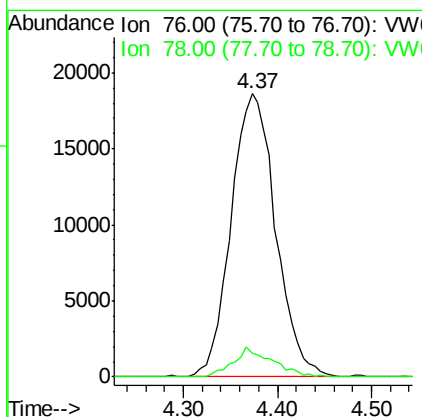
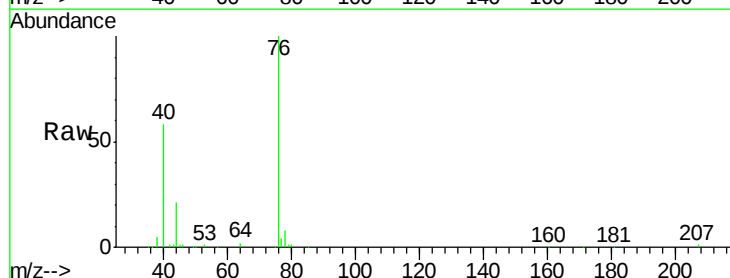
Manual Integrations
APPROVED

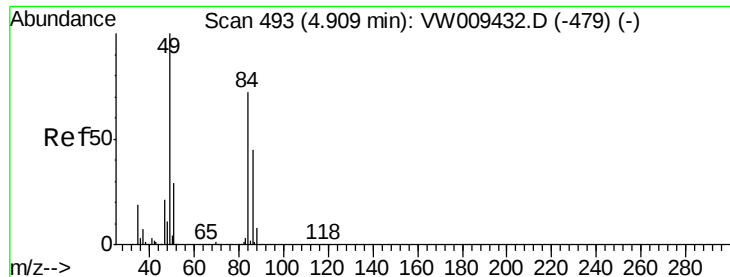
MMDadoda
3/27/2019 12:14:50 PM



#14
Carbon disulfide
Concen: 5.680 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009441.D
Acq: 25 Mar 2019 21:40

Tgt Ion: 76 Resp: 61522
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9





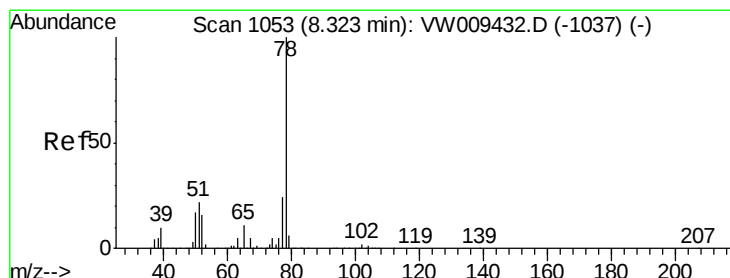
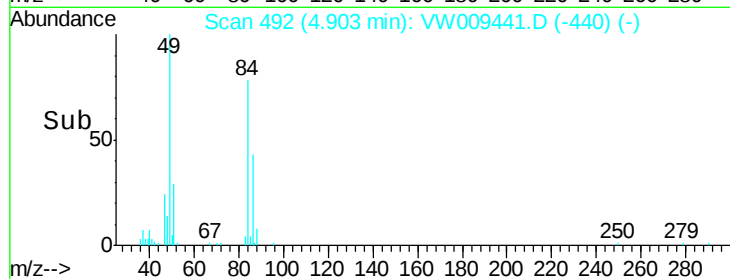
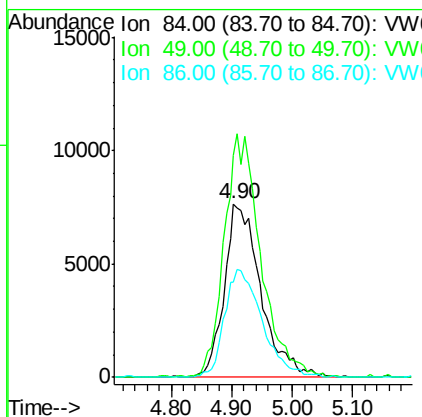
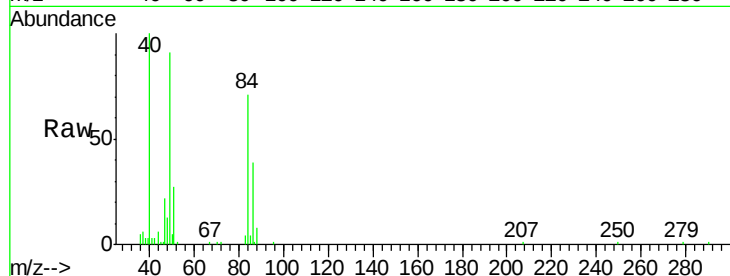
#16
Methvlene chloride
Concen: 6.757 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009441.D
Acq: 25 Mar 2019 21:40

Instrument :
MSVOA_W
ClientSampleId :
BF5T7

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.8	96.0	178.2
86	55.2	44.4	82.5

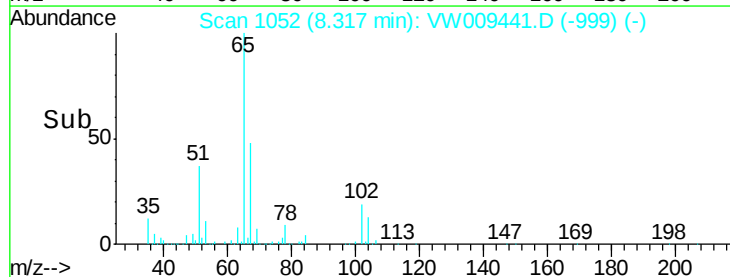
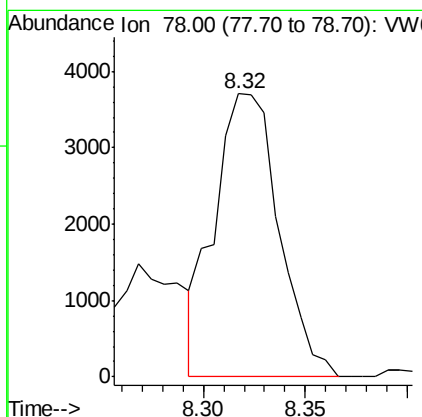
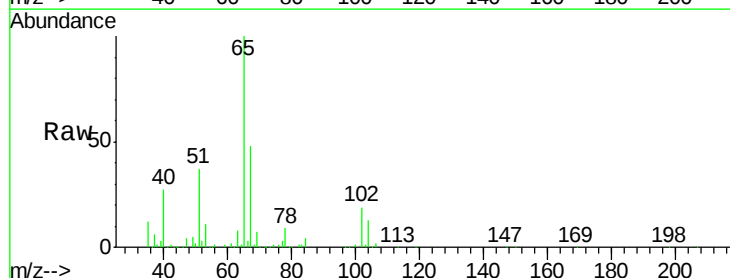
Manual Integrations
APPROVED

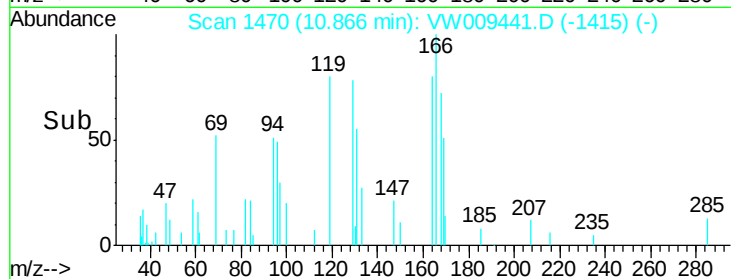
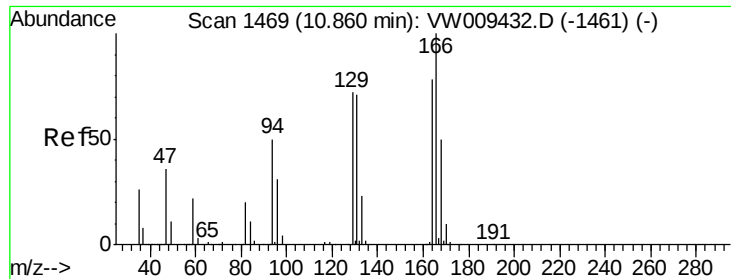
MMDadoda
3/27/2019 12:14:50 PM



#34
Benzene
Concen: 0.556 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009441.D
Acq: 25 Mar 2019 21:40

Tgt Ion: 78 Resp: 8134





#47

Tetrachloroethene

Concen: 0.460 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009441.D

Acq: 25 Mar 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

BF5T7

Tot Ion:164 Resp: 1515

Ion Ratio Lower Upper

164 100

129 96.5 66.5 123.5

131 68.0 62.6 116.3

166 124.2 91.6 170.0

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:14:50 PM

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

