

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009770.D
 Acq On : 06 Apr 2019 14:07
 Operator : SY/VA
 Sample : K2327-03
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R9

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:03 AM

Quant Time: Apr 07 06:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	511988	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	487783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214224	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	172796	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
7) Chloroethane-d5	2.89	69	161644	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
10) 1,1-Dichloroethene-d2	4.01	63	305054	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.68%
20) 2-Butanone-d5	7.07	46	107919	49.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.22%
24) Chloroform-d	7.65	84	389566	27.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.52%
26) 1,2-Dichloroethane-d4	8.31	65	236988	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	8.27	84	733376	28.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.56%
33) 1,2-Dichloropropane-d6	9.27	67	223727	28.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.16%
37) Toluene-d8	10.32	98	668755	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	10.58	79	97706	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	10.93	63	79977	53.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182148	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	228665	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8703m	0.964	ug/L
35) Trichloroethene	9.09	95	13306	1.732	ug/L
47) Tetrachloroethene	10.86	164	3845	0.636	ug/L

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

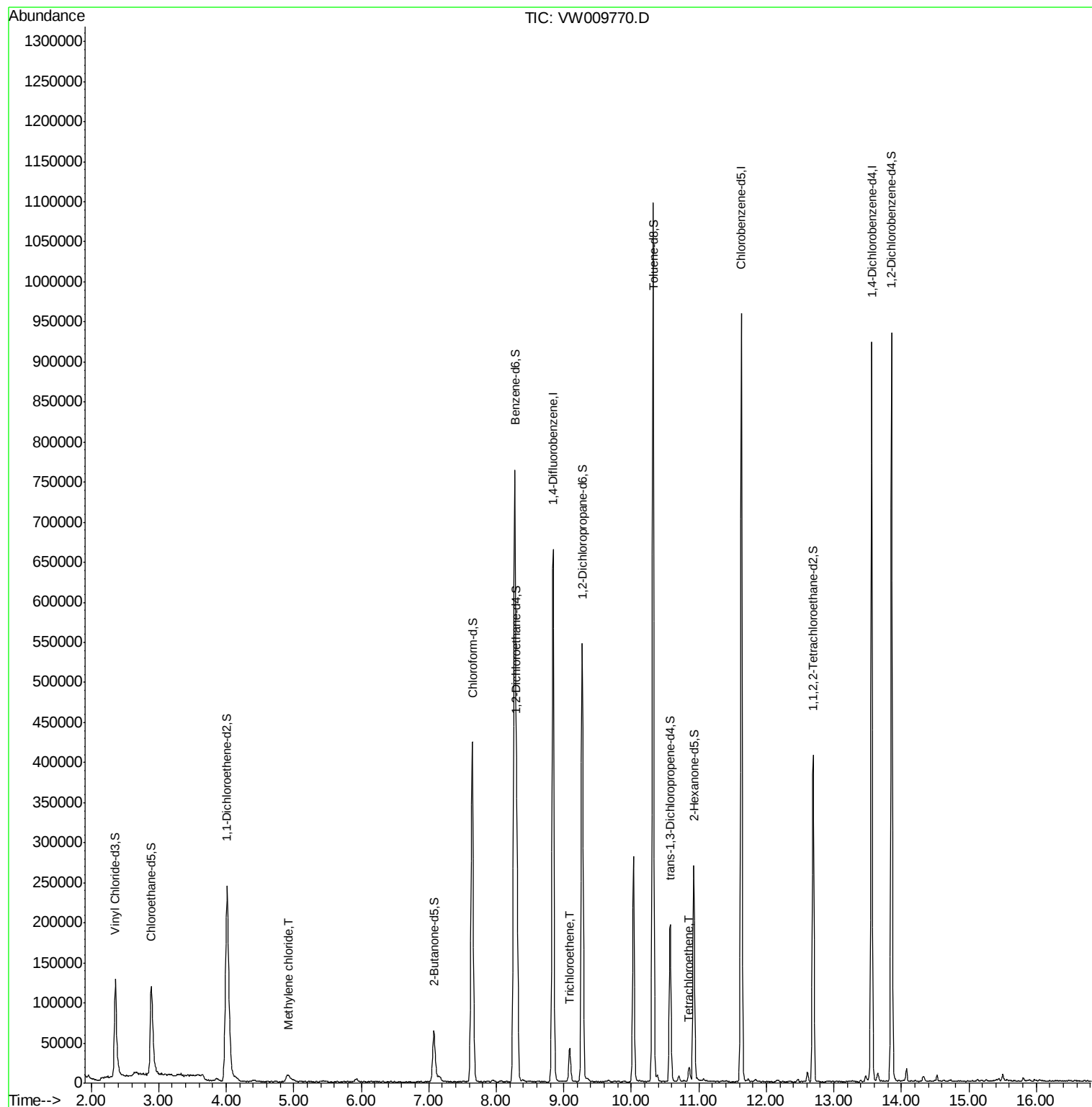
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009770.D
Acq On : 06 Apr 2019 14:07
Operator : SY/VA
Sample : K2327-03
Misc : 4.95G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

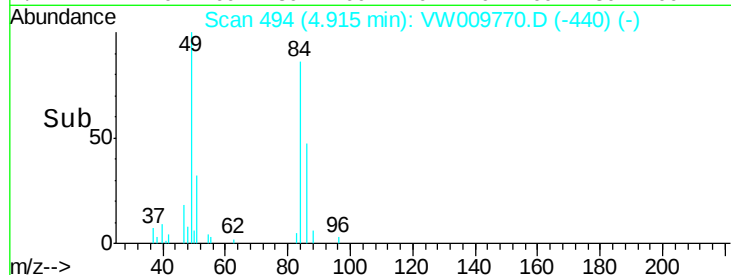
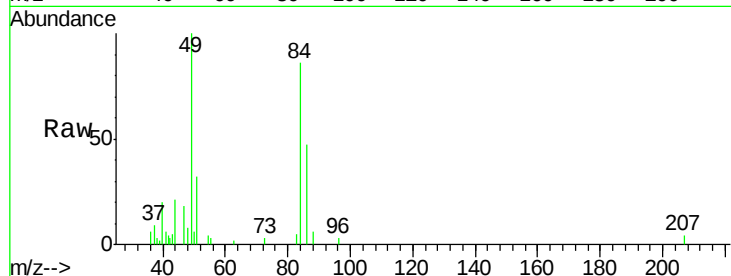
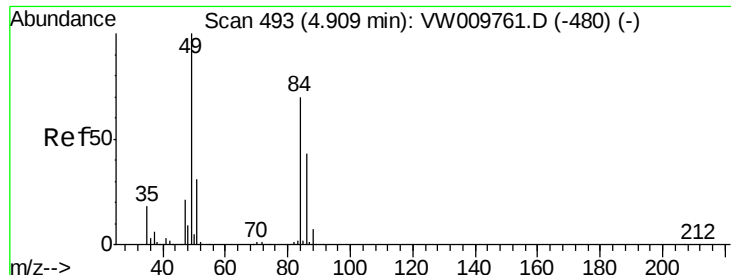
Instrument :
MSVOA_W
ClientSampleId :
BF2R9

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:03 AM

Quant Time: Apr 07 06:01:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





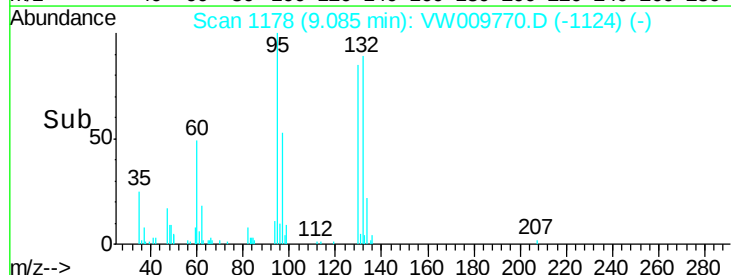
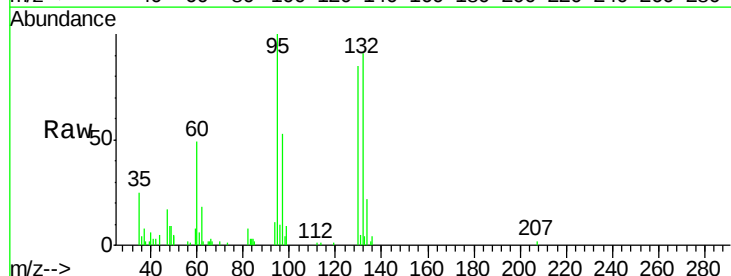
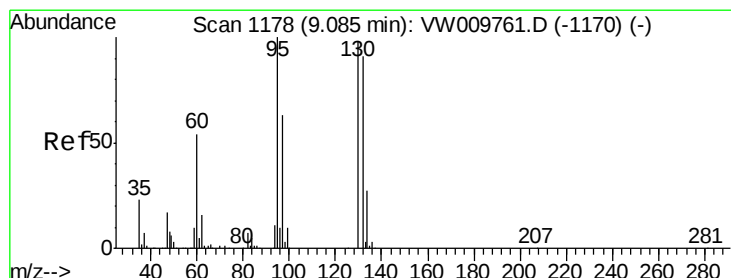
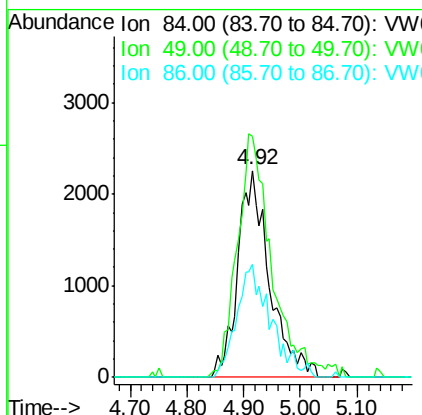
#16
Methvlene chloride
Concen: 0.964 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009770.D
Acq: 06 Apr 2019 14:07

Tot Ion	Ratio	Lower	Upper
84	100		
49	116.6	98.3	182.5
86	54.4	46.4	86.2

Instrument :
MSVOA_W
ClientSampleId :
BF2R9

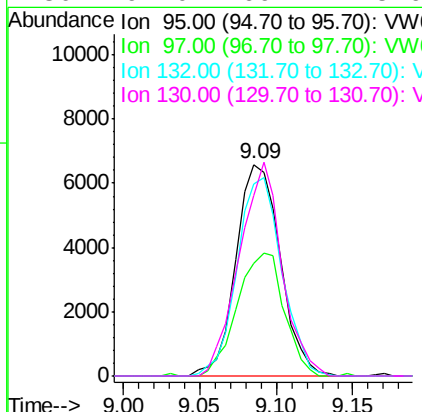
Manual Integrations
APPROVED

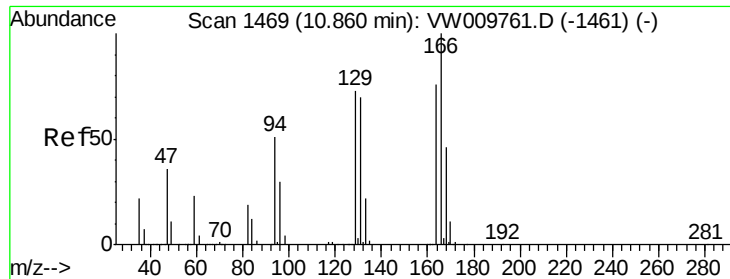
MMDadoda
4/11/2019 11:43:03 AM



#35
Trichloroethene
Concen: 1.732 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009770.D
Acq: 06 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.9	83.5
132	94.4	67.1	124.7
130	97.0	69.2	128.6





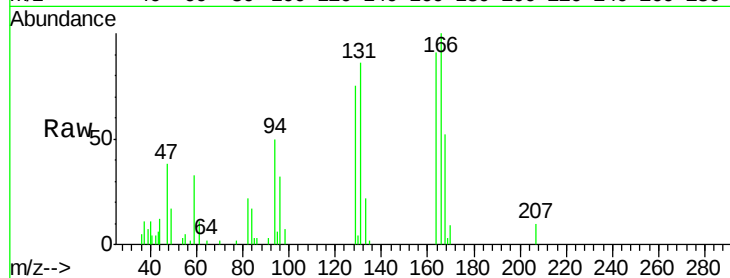
#47
Tetrachloroethene
Concen: 0.636 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009770.D
Acq: 06 Apr 2019 14:07

Instrument :
MSVOA_W
ClientSampleId :
BF2R9

Tot Ion:	164	Resp:	3845
Ion Ratio	Lower	Upper	
164	100		
129	82.7	68.9	127.9
131	95.0	63.1	117.1
166	110.3	88.5	164.4

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:03 AM



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

