

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009779.D
 Acq On : 06 Apr 2019 18:13
 Operator : SY/VA
 Sample : K2168-15
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF640

Manual Integrations
 APPROVED

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 4/11/2019 11:43:10 AM

Quant Time: Apr 07 06:47:35 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	377127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101060	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
7) Chloroethane-d5	2.89	69	99679	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
10) 1,1-Dichloroethene-d2	4.01	63	184584	17.39	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.08	46	101496	63.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.68%
24) Chloroform-d	7.64	84	277617	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	8.30	65	177725	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.52%
29) Benzene-d6	8.27	84	493978	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.27	67	157466	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	433376	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.57	79	66949	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	71205	63.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153306	27.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	154326	28.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	18937	11.030 ug/L	98
16) Methylene chloride	4.92	84	12424m	1.868 ug/L	
47) Tetrachloroethene	10.86	164	4045	0.890 ug/L	81

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

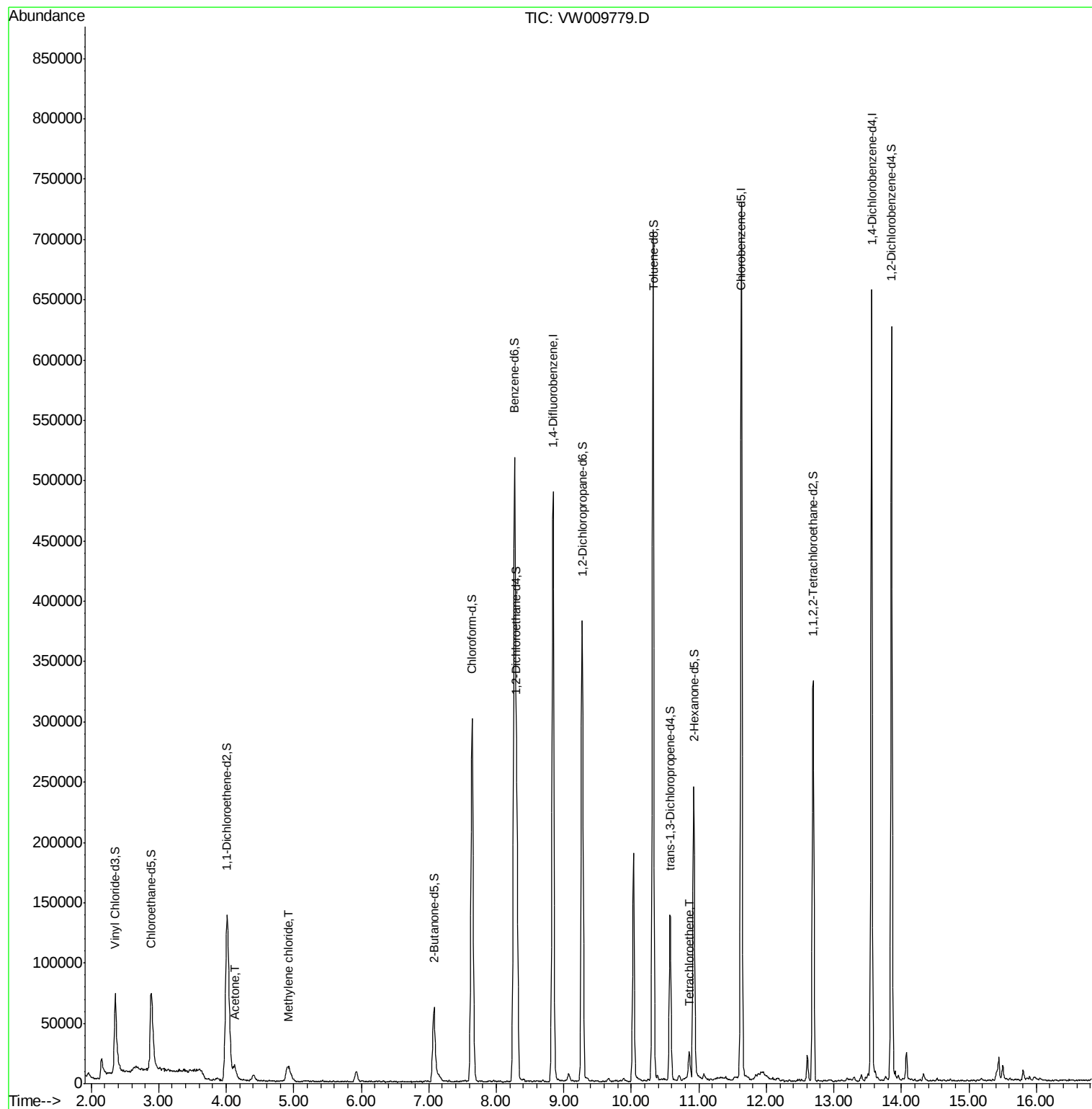
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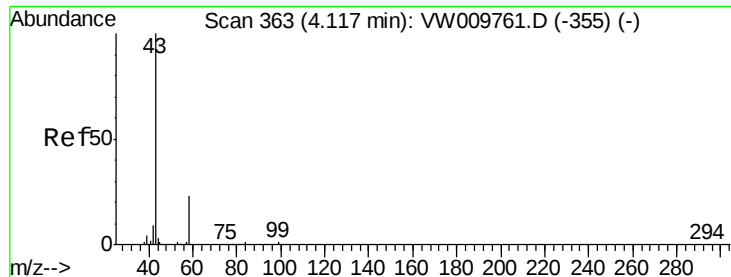
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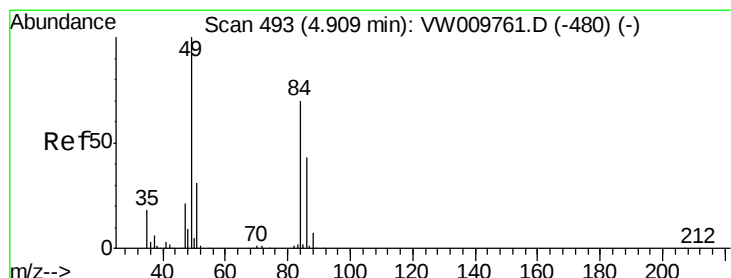
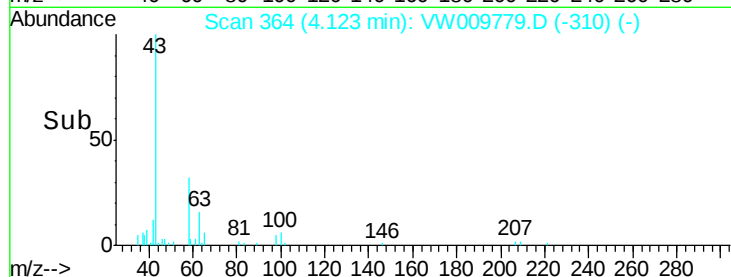
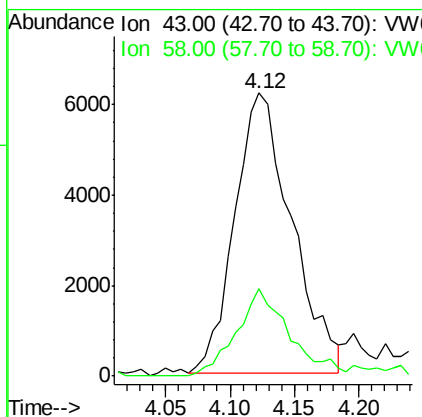
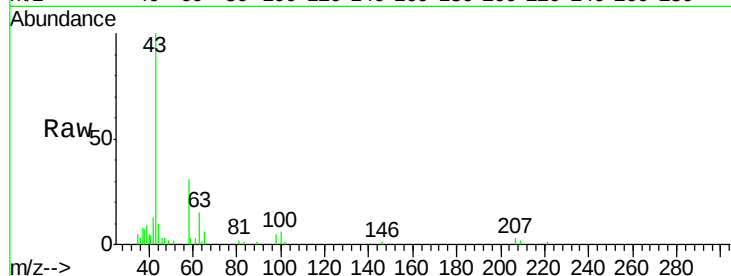
#13
Acetone
Concen: 11.030 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009779.D
Acq: 06 Apr 2019 18:13

Instrument :
MSVOA_W
ClientSampleId :
BF640

Tot Ion	43	Resp	18937
Ion Ratio	Lower	Upper	
43	100		
58	27.7	0.0	53.0

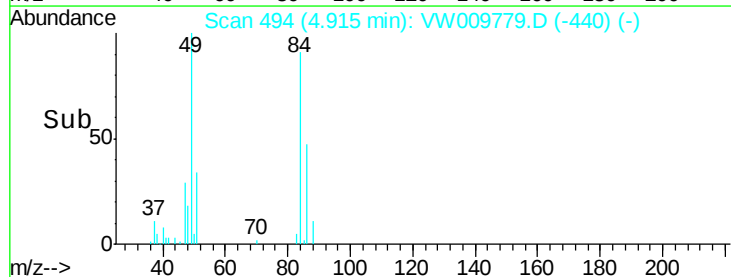
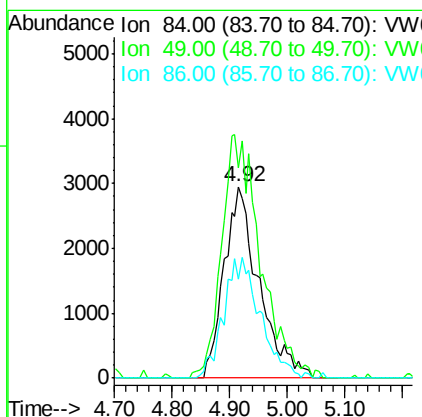
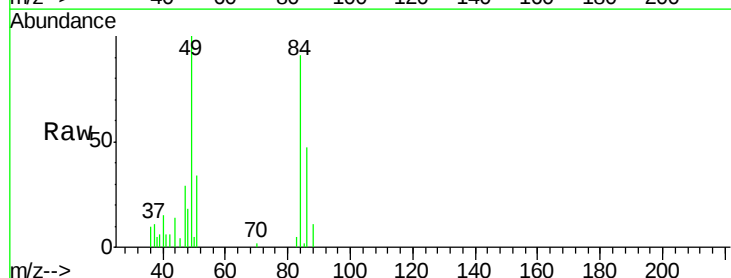
Manual Integrations
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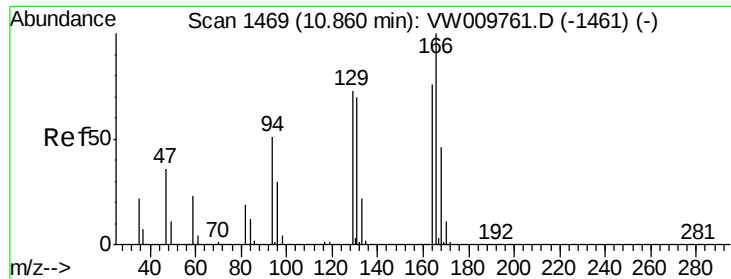
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#16
Methylene chloride
Concen: 1.868 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009779.D
Acq: 06 Apr 2019 18:13

Tgt Ion	84	Resp	12424
Ion Ratio	Lower	Upper	
84	100		
49	110.2	98.3	182.5
86	52.0	46.4	86.2





#47
Tetrachloroethene
Concen: 0.890 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009779.D
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Tot Ion:	164	Resp:	4045
Ion	Ratio	Lower	Upper
164	100		
129	109.9	68.9	127.9
131	107.0	63.1	117.1
166	156.8	88.5	164.4

Manual Integrations
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