

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009387.D
 Acq On : 23 Mar 2019 13:44
 Operator : SY/VA
 Sample : K2048-20
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G2

Manual Integrations
 APPROVED

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 3/25/2019 8:33:26 AM

Quant Time: Mar 23 23:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94162	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	2.89	69	97415	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
10) 1,1-Dichloroethene-d2	4.01	63	148990	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	7.07	46	105698	56.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.34%
24) Chloroform-d	7.64	84	233472	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	149436	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.27	84	422142	20.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.32%
33) 1,2-Dichloropropane-d6	9.27	67	137250	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.16%
37) Toluene-d8	10.32	98	370981	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.16%
38) trans-1,3-Dichloropropene-	10.57	79	62613	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.92%
39) 2-Hexanone-d5	10.93	63	77133	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148714	24.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	157961	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	7984m	1.451	ug/L
22) cis-1,2-Dichloroethene	7.16	96	5827	1.101	ug/L # 82
35) Trichloroethene	9.09	95	17437	3.253	ug/L 99

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

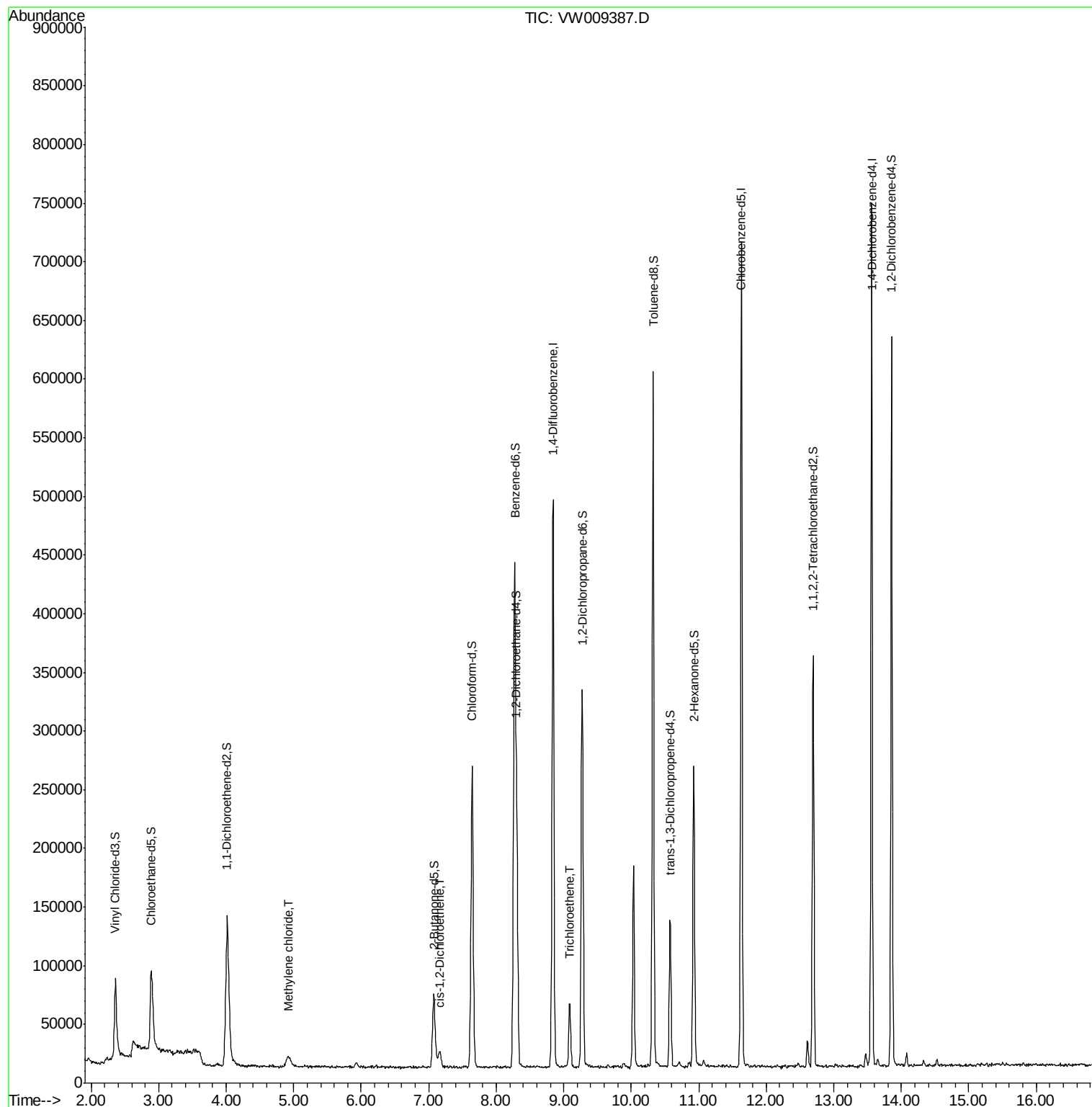
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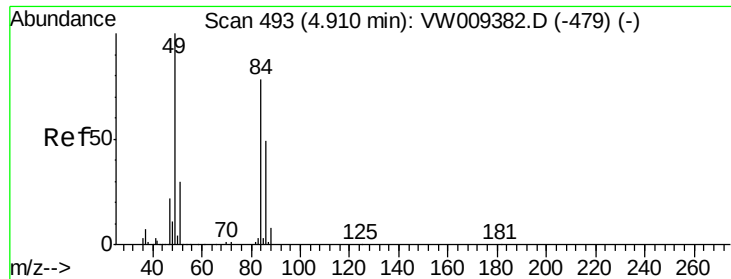
Instrument :
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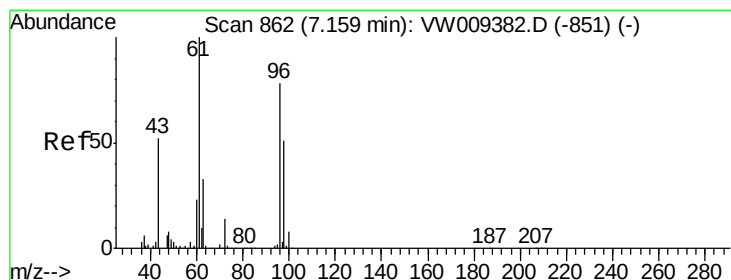
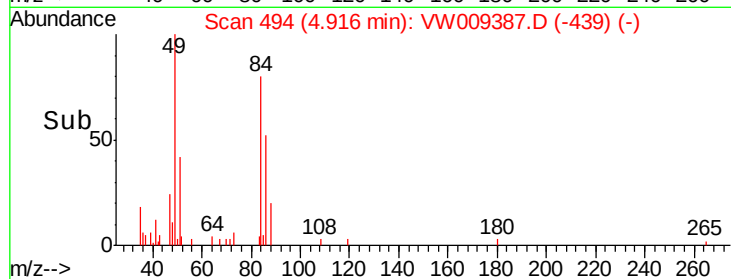
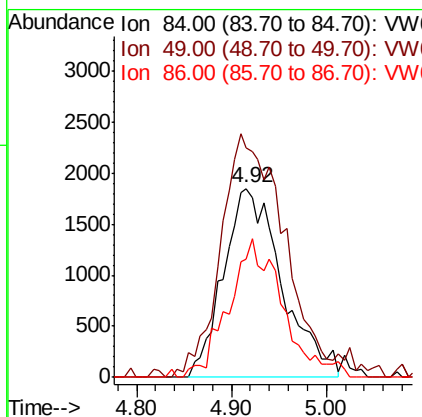
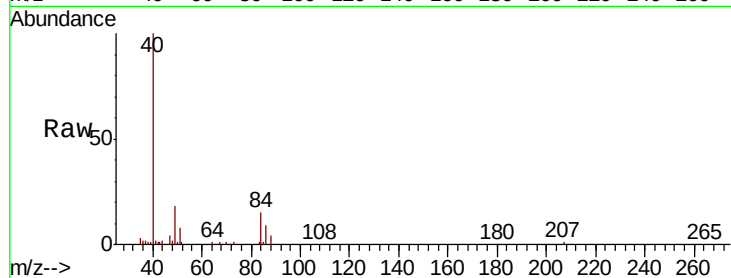
#16
Methylene chloride
Concen: 1.451 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009387.D
Acq: 23 Mar 2019 13:44

Instrument :
MSVOA_W
ClientSampled :
BF0G2

Tot Ion	Ratio	Lower	Upper
84	100		
49	121.0	96.0	178.2
86	62.7	44.4	82.5

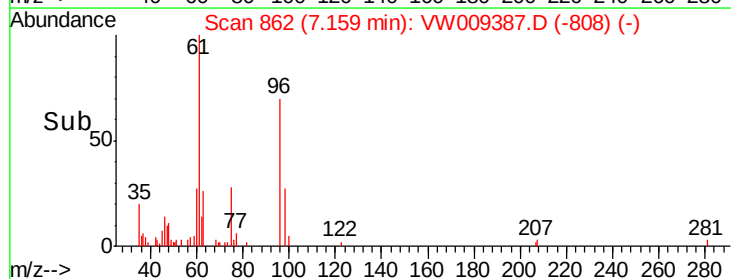
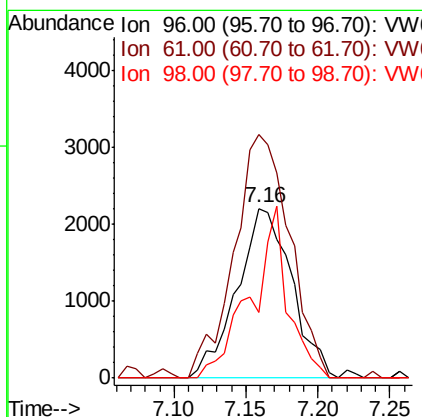
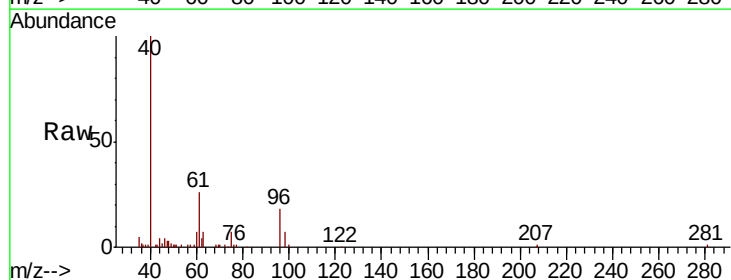
Manual Integrations
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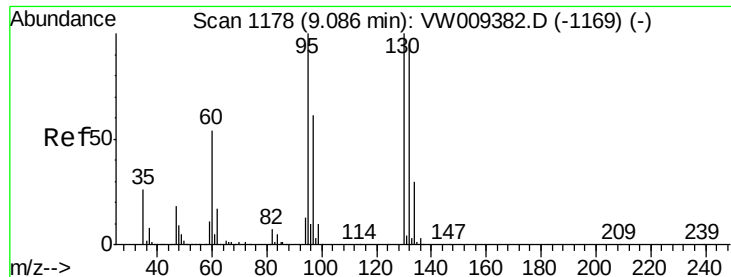
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#22
cis-1,2-Dichloroethene
Concen: 1.101 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW009387.D
Acq: 23 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	90.6	168.3
98	39.0	44.0	81.8#





#35
 Trichloroethene
 Concen: 3.253 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW009387.D
 Acq: 23 Mar 2019 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G2

Tot Ion:	95	Resp:	17437
Ion Ratio	Lower	Upper	
95	100		
97	66.1	44.7	82.9
132	97.8	69.0	128.2
130	102.6	72.7	134.9

Manual Integrations
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