

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009899.D
 Acq On : 11 Apr 2019 00:16
 Operator : SY/VA
 Sample : K2254-09RE
 Misc : 4.88G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC30RE

Manual Integrations
 APPROVED

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 4/15/2019 12:33:22 AM

Quant Time: Apr 11 06:12:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251997	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84670	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85473	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
7) Chloroethane-d5	2.89	69	85300	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.01	63	162525m	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.96%
20) 2-Butanone-d5	7.07	46	102524	77.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.52%#
24) Chloroform-d	7.65	84	251004	29.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	8.30	65	155358	29.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.76%
29) Benzene-d6	8.27	84	431090	32.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.36%
33) 1,2-Dichloropropane-d6	9.27	67	144906	35.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.84%#
37) Toluene-d8	10.32	98	321404	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.12%
38) trans-1,3-Dichloropropene-	10.58	79	41823	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	57262	74.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121396	31.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	83653	28.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	91622	64.438 ug/L	100
16) Methylene chloride	4.91	84	24668	4.478 ug/L	97
21) 2-Butanone	7.18	43	22908	12.668 ug/L	97

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

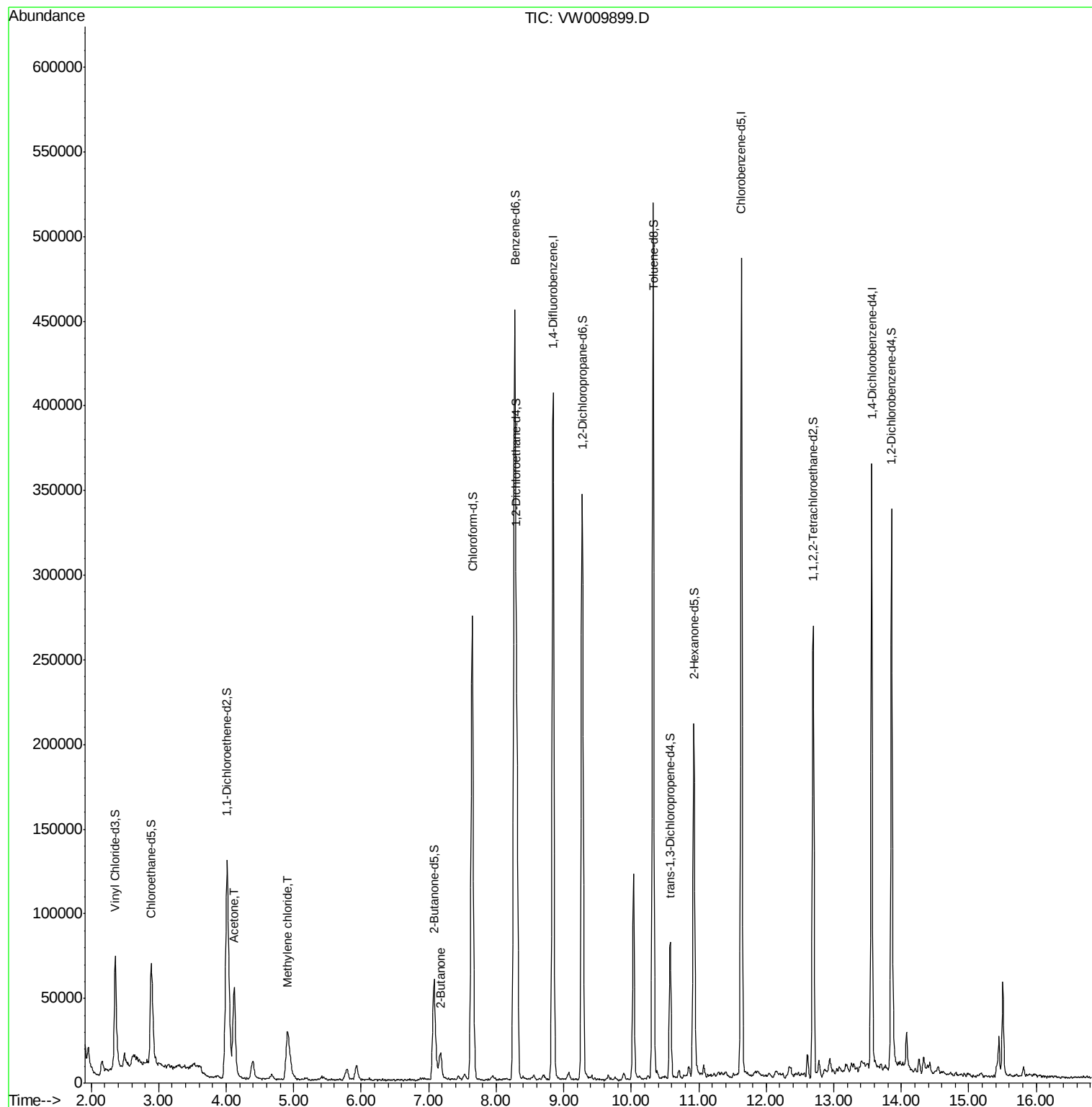
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041019\
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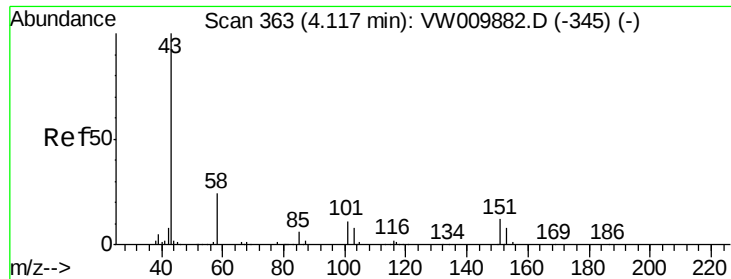
Instrument :
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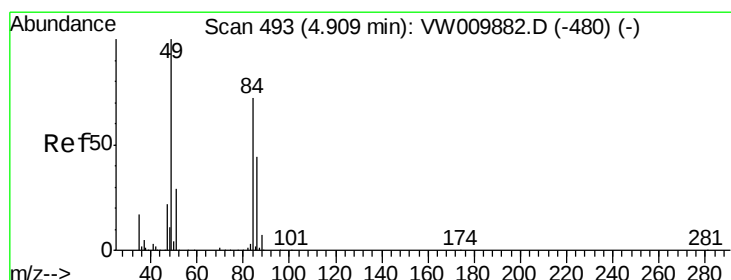
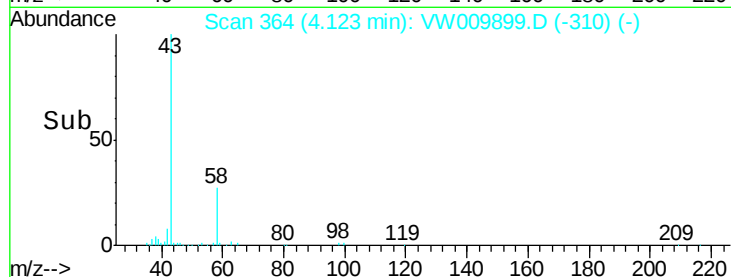
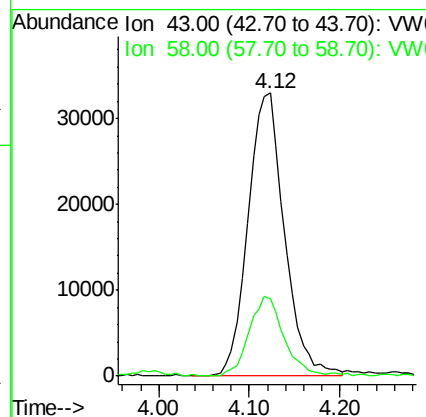
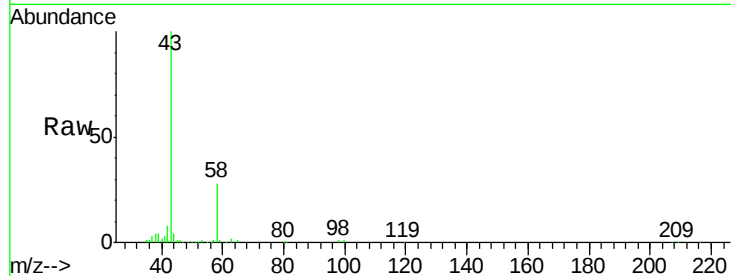
#13
Acetone
Concen: 64.438 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009899.D
Acq: 11 Apr 2019 00:16

Instrument :
MSVOA_W
ClientSampleId :
BFC30RE

Tot Ion: 43 Resp: 91622
Ion Ratio Lower Upper
43 100
58 26.6 0.0 53.0

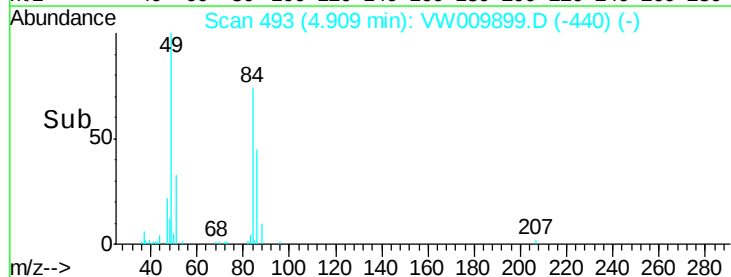
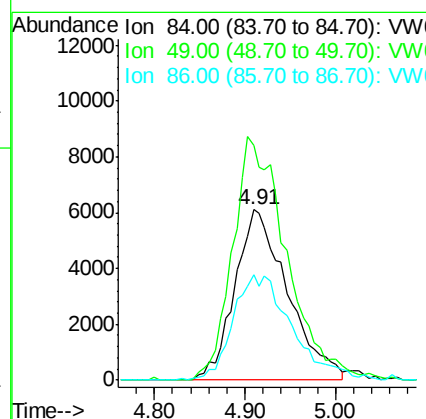
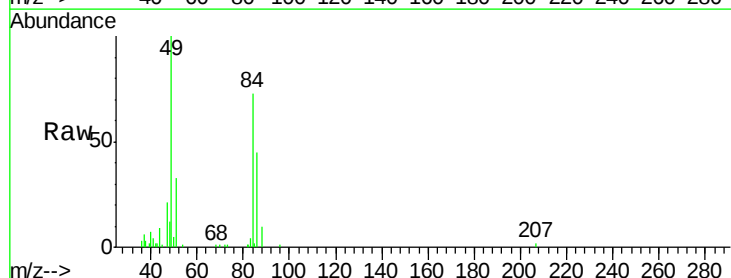
Manual Integrations
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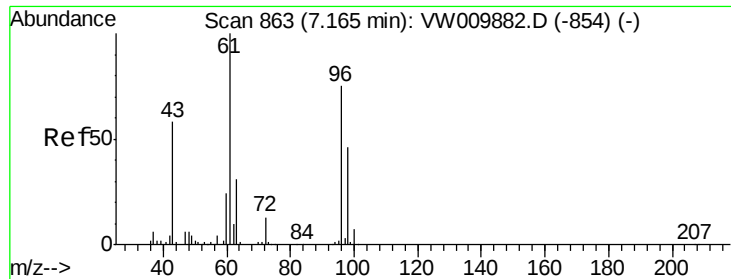
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#16
Methylene chloride
Concen: 4.478 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009899.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 84 Resp: 24668
Ion Ratio Lower Upper
84 100
49 137.7 98.3 182.5
86 61.8 46.4 86.2





#21
 2-Butanone
 Concen: 12.668 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW009899.D
 Acq: 11 Apr 2019 00:16

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC30RE

Tot Ion: 43 Resp: 22908
 Ion Ratio Lower Upper
 43 100
 72 22.7 12.0 36.1

Manual Integrations
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