

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012939.D
 Acq On : 12 Sep 2019 17:40
 Operator : SY/VA
 Sample : K4811-05
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOG4

Manual Integrations
 APPROVED

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 9/13/2019 11:33:27 AM

Quant Time: Sep 13 03:47:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 02:47:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	109151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	88415	22.66	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
7) Chloroethane-d5	2.89	69	71464	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.01	63	149030	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.07	46	77955	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
24) Chloroform-d	7.65	84	214809	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.31	65	121615	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	391143	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	131653	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	10.32	98	349993	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	52346	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.92	63	54971	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100768	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	98636	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds					Qvalue
13) Acetone	4.12	43	29714	23.629 ug/L	98
16) Methylene chloride	4.91	84	12069	2.278 ug/L	96
21) 2-Butanone	7.17	43	8809m	5.317 ug/L	

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

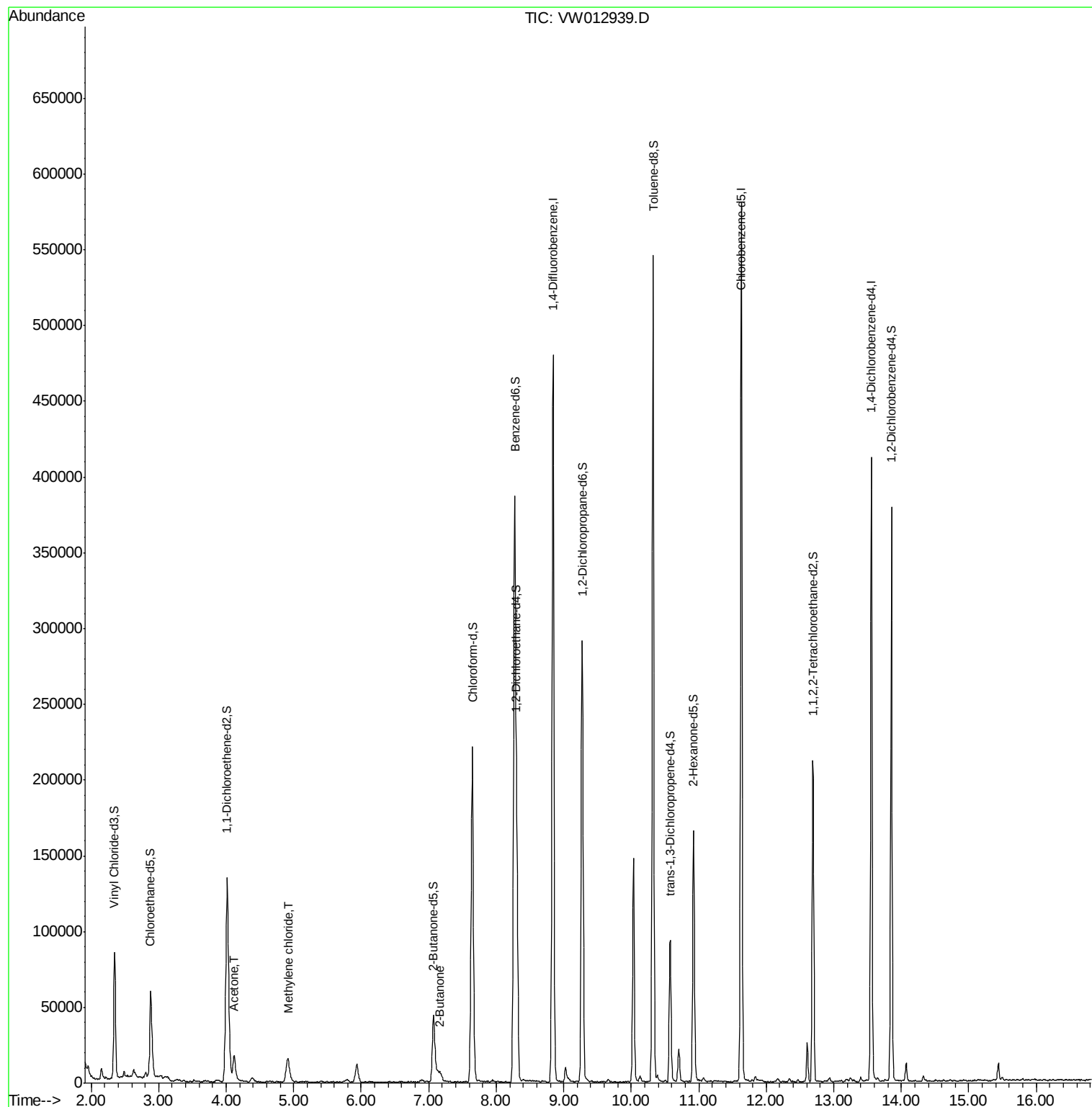
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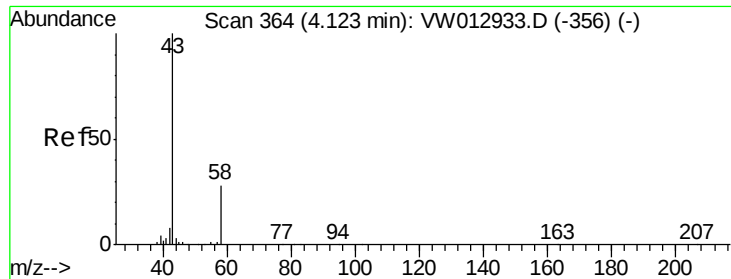
Instrument :
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ClientSampleId :
ETOG4

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QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration





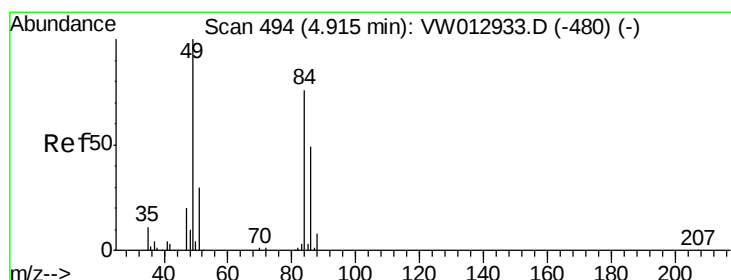
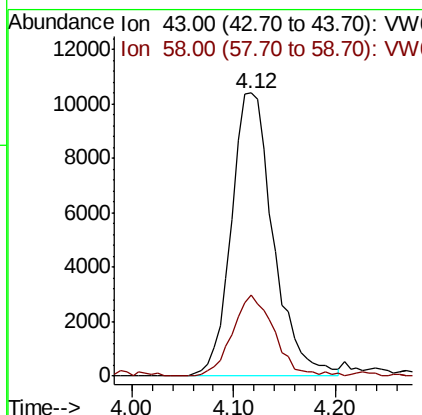
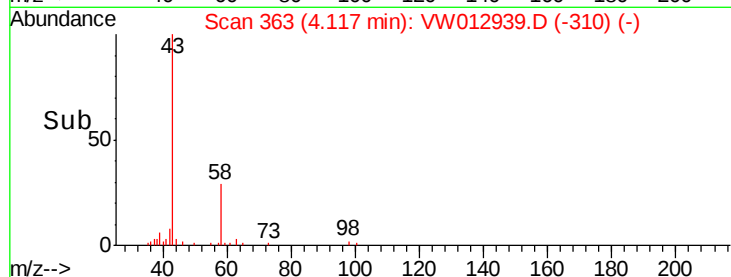
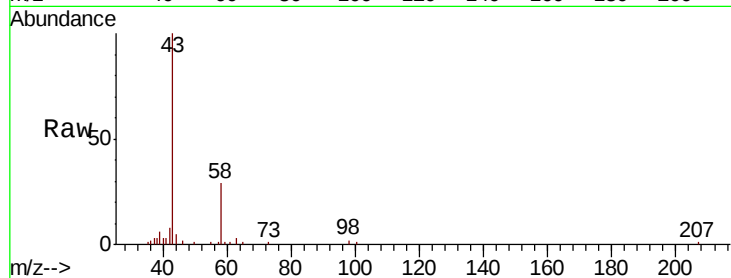
#13
Acetone
Concen: 23.629 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012939.D
Acq: 12 Sep 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
ETOG4

Tgt Ion: 43 Resp: 29714
Ion Ratio Lower Upper
43 100
58 28.7 0.0 59.4

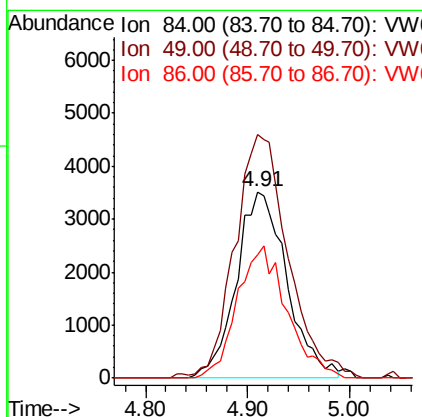
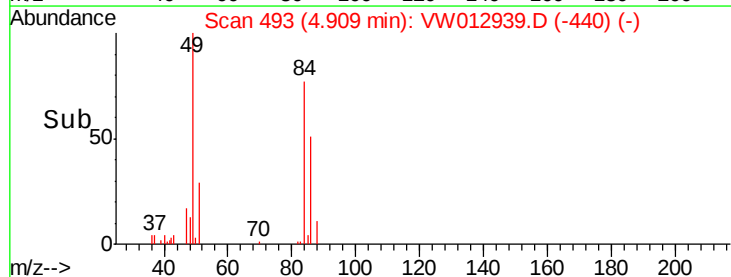
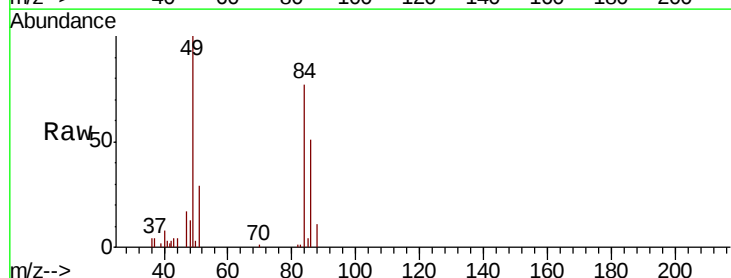
Manual Integrations
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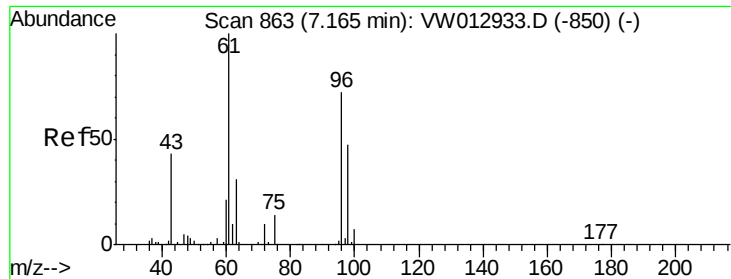
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#16
Methylene chloride
Concen: 2.278 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012939.D
Acq: 12 Sep 2019 17:40

Tgt Ion: 84 Resp: 12069
Ion Ratio Lower Upper
84 100
49 130.7 94.7 175.9
86 66.1 44.4 82.4





#21
 2-Butanone
 Concen: 5.317 ug/L m
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW012939.D
 Acq: 12 Sep 2019 17:40

Instrument :
 MSVOA_W
 ClientSampled :
 ETOG4

Tgt Ion: 43 Resp: 8809
 Ion Ratio Lower Upper
 43 100
 72 13.0 12.7 38.1

Manual Integrations
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