

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009399.D
 Acq On : 23 Mar 2019 19:49
 Operator : SY/VA
 Sample : K2062-15
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G5

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:33 AM

Quant Time: Mar 24 01:25:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92101	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.68%
7) Chloroethane-d5	2.89	69	100073	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
10) 1,1-Dichloroethene-d2	4.01	63	151196	13.61	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.08	46	101834	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	7.64	84	240325	20.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	8.30	65	151808	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	8.27	84	425647	18.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.40%
33) 1,2-Dichloropropane-d6	9.27	67	136664	19.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.44%
37) Toluene-d8	10.32	98	372992	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.56%
38) trans-1,3-Dichloropropene-	10.58	79	60131	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.72%
39) 2-Hexanone-d5	10.93	63	77174	45.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151591	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	151995	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	7377	4.233 ug/L	83
16) Methylene chloride	4.92	84	7054m	1.125 ug/L	
47) Tetrachloroethene	10.86	164	45075	8.694 ug/L	97

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

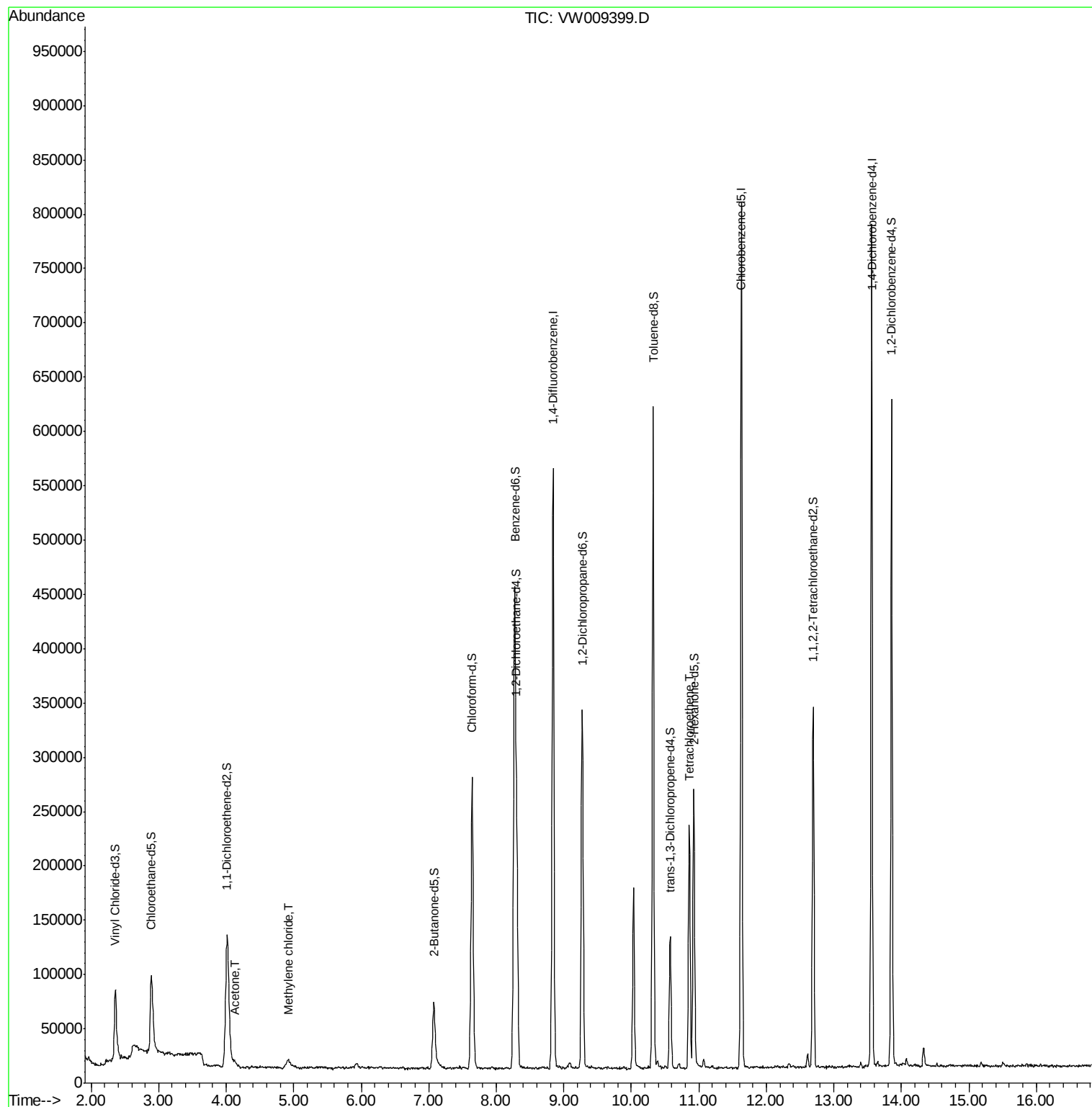
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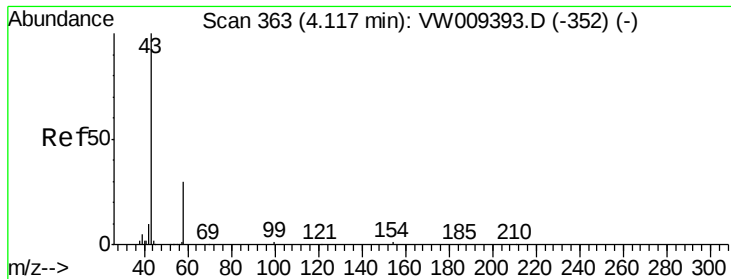
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 4.233 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009399.D

Acq: 23 Mar 2019 19:49

Instrument :

MSVOA_W

ClientSampleId :

BF0G5

Tot Ion: 43 Resp: 7377

Ion Ratio Lower Upper

43 100

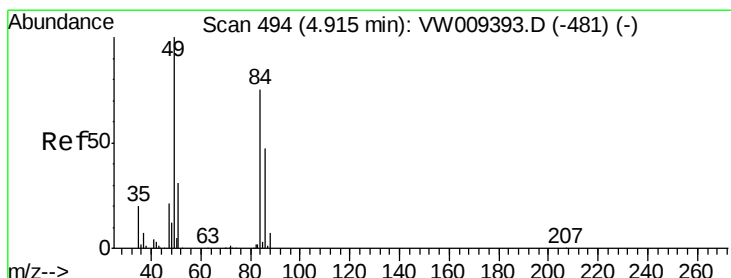
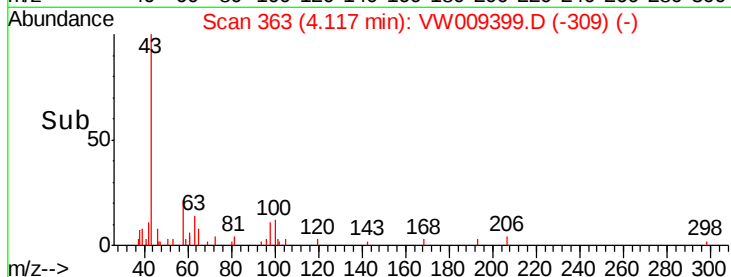
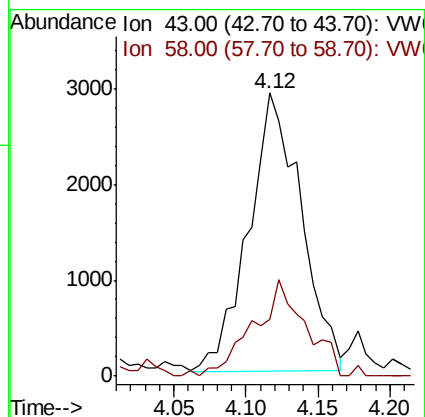
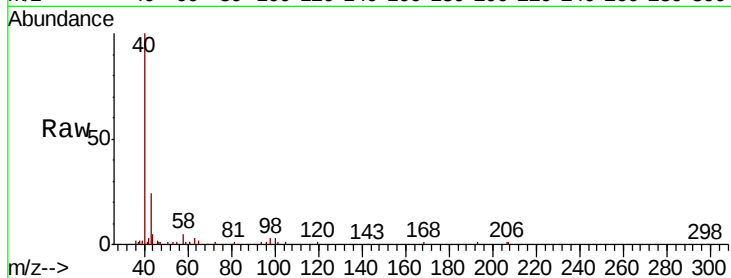
58 19.3 0.0 56.2

Manual Integrations

APPROVED

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#16

Methylene chloride

Concen: 1.125 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009399.D

Acq: 23 Mar 2019 19:49

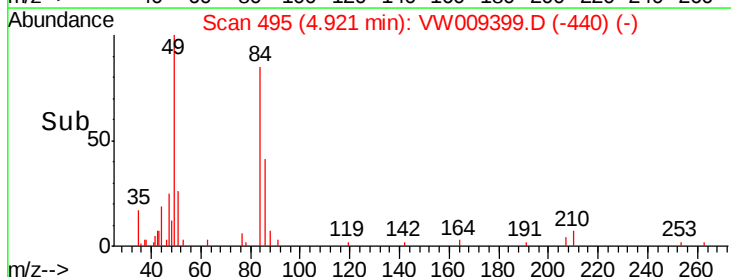
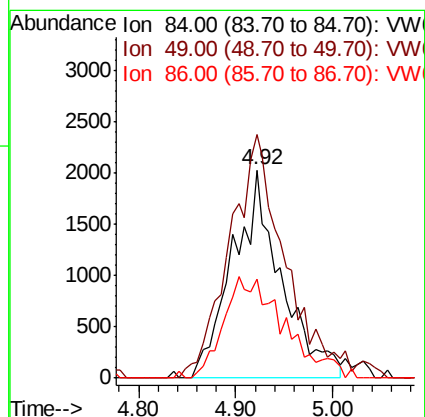
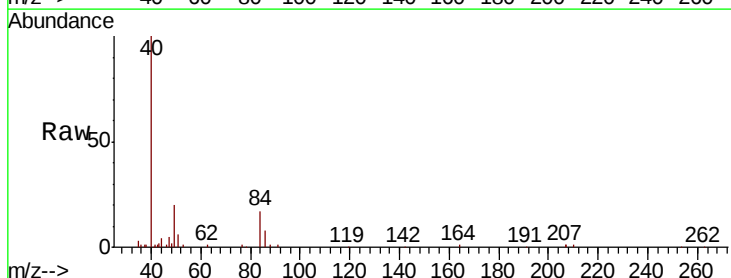
Tgt Ion: 84 Resp: 7054

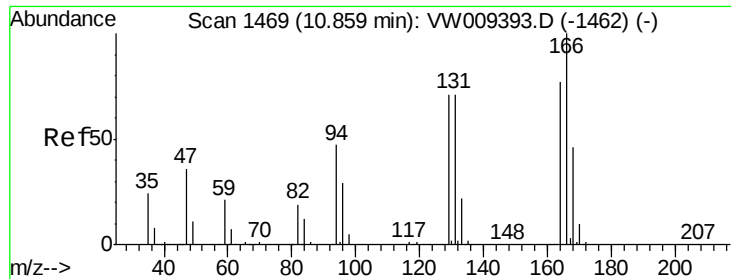
Ion Ratio Lower Upper

84 100

49 117.1 96.0 178.2

86 47.8 44.4 82.5





#47

Tetrachloroethene

Concen: 8.694 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009399.D

Acq: 23 Mar 2019 19:49

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion:164 Resp: 45075

Ion Ratio Lower Upper

164 100

129 94.5 66.5 123.5

131 88.9 62.6 116.3

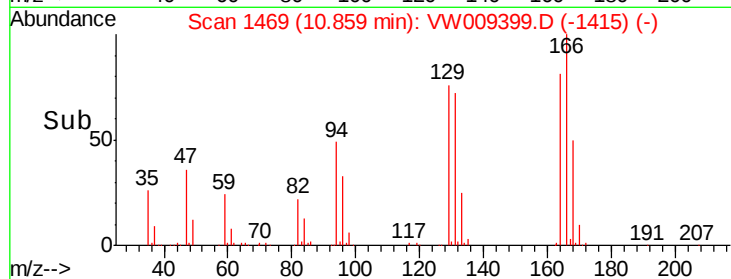
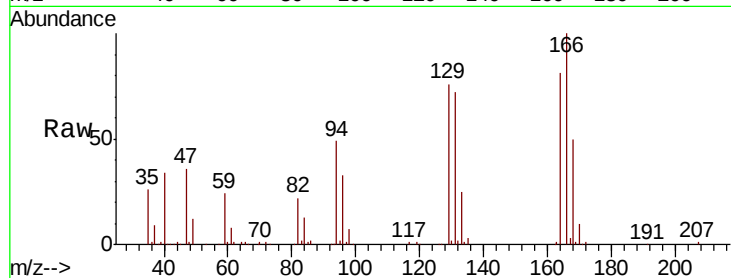
166 124.2 91.6 170.0

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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

