

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009837.D
 Acq On : 09 Apr 2019 13:18
 Operator : SY/VA
 Sample : K2255-03
 Misc : 4.40G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC36

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:04:34 PM

Quant Time: Apr 10 04:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	516717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126125	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	2.89	69	122559	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	240824	16.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.24%
20) 2-Butanone-d5	7.08	46	92051	41.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.65	84	33697	2.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	9.56%#
26) 1,2-Dichloroethane-d4	8.31	65	227262	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	637337	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	204374	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	567101	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	89337	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	52011	33.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206	0.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	210231	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	10882	4.626	ug/L	93
16) Methylene chloride	4.92	84	28251m	3.100	ug/L	
25) Chloroform	7.67	83	314439	21.916	ug/L	98
35) Trichloroethene	9.09	95	42395	5.283	ug/L	95

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

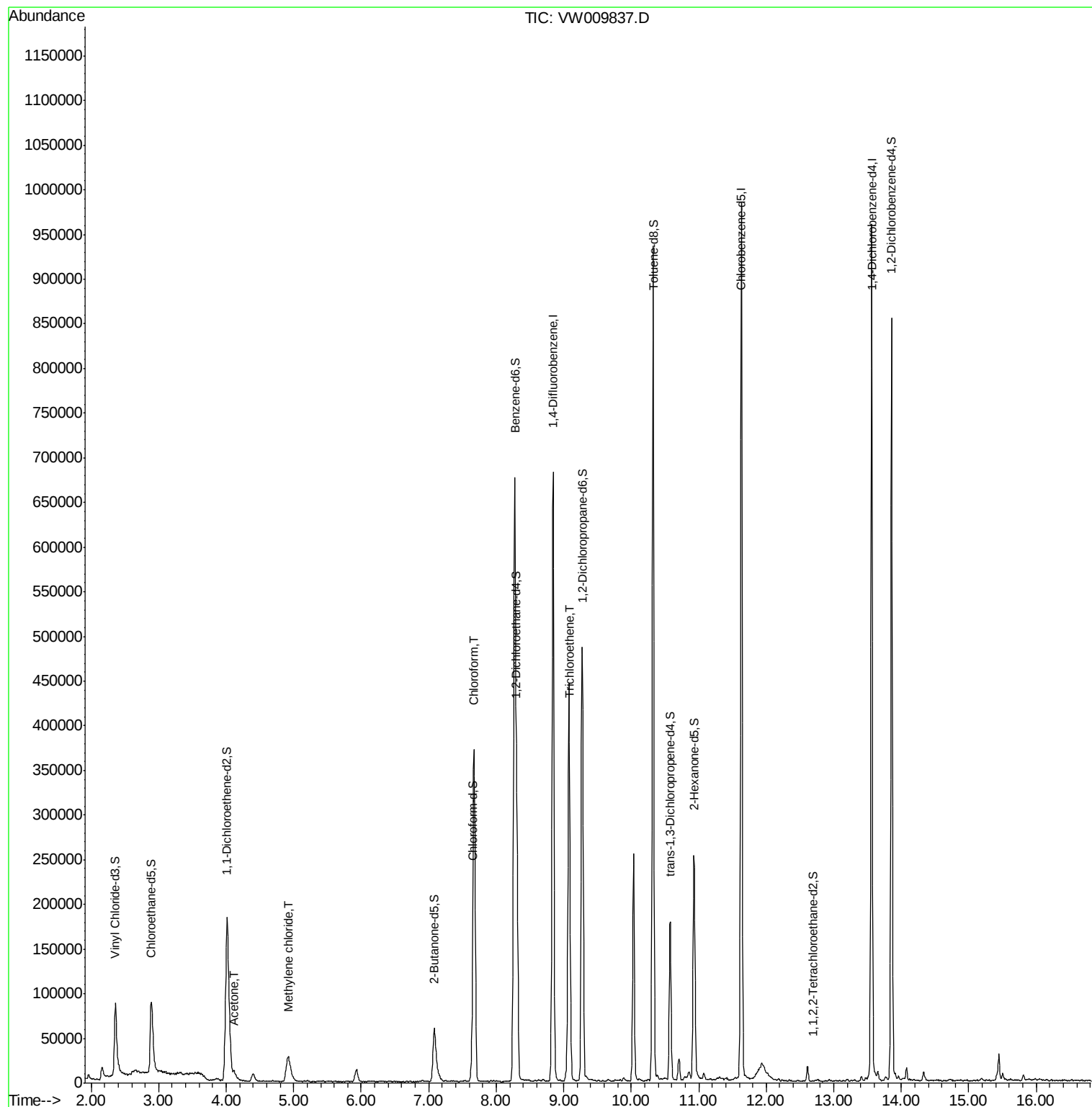
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
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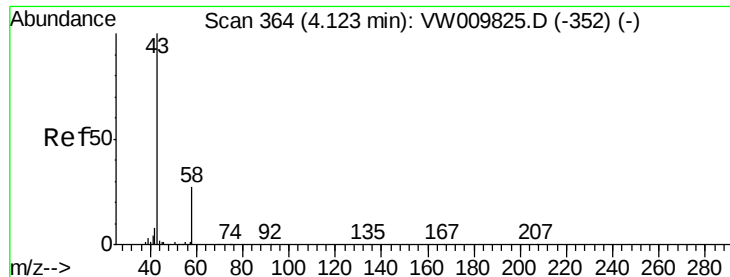
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Apr 10 04:12:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 00:56:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.626 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

BFC36

Tot Ion: 43 Resp: 10882

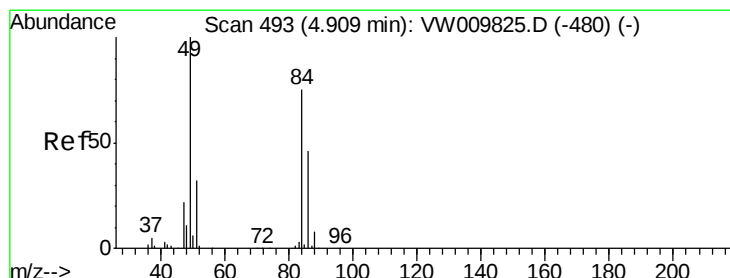
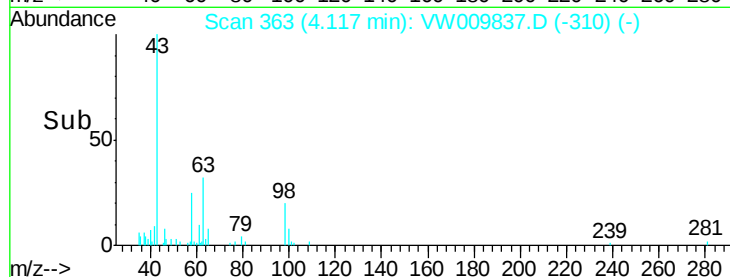
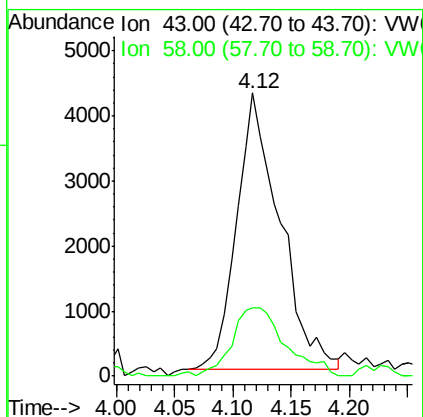
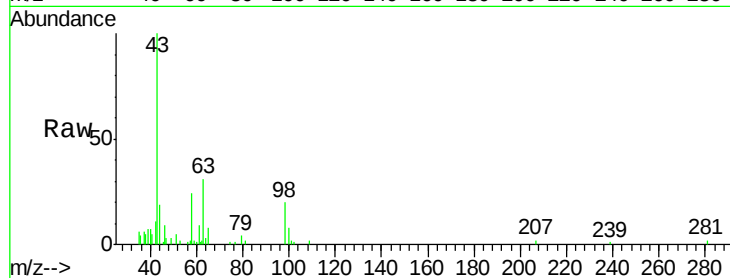
Ion Ratio Lower Upper

43 100

58 29.9 0.0 53.0

Manual Integrations
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#16

Methylene chloride

Concen: 3.100 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

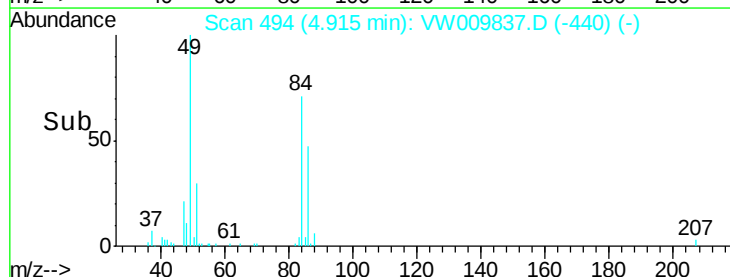
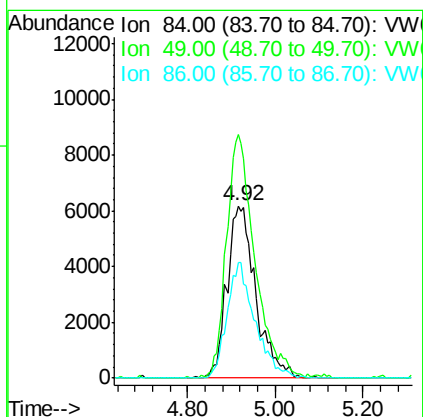
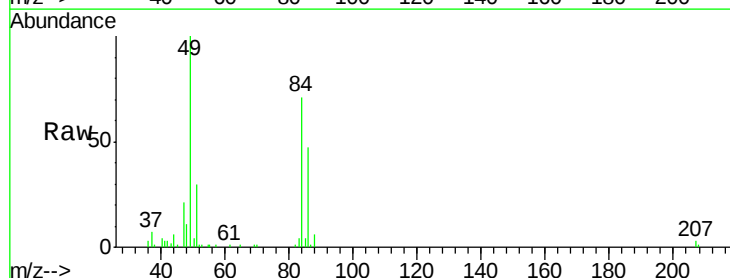
Tgt Ion: 84 Resp: 28251

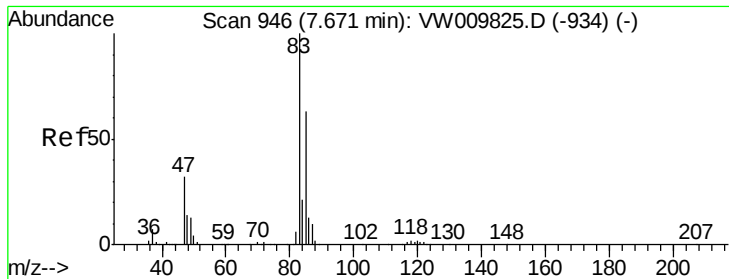
Ion Ratio Lower Upper

84 100

49 141.1 98.3 182.5

86 66.7 46.4 86.2





#25

Chloroform

Concen: 21.916 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.01 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

Instrument :

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ClientSampleId :

BFC36

Tot Ion: 83 Resp: 314439

Ion Ratio Lower Upper

83 100

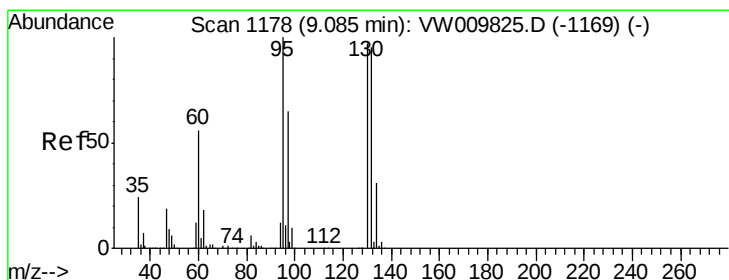
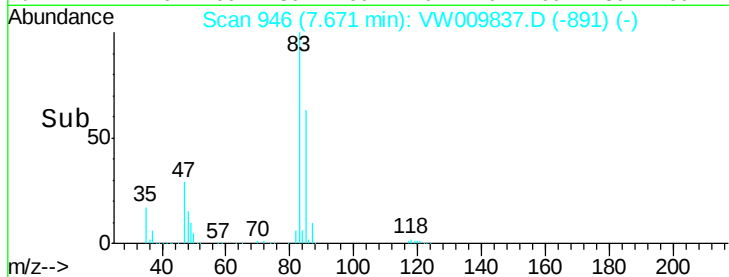
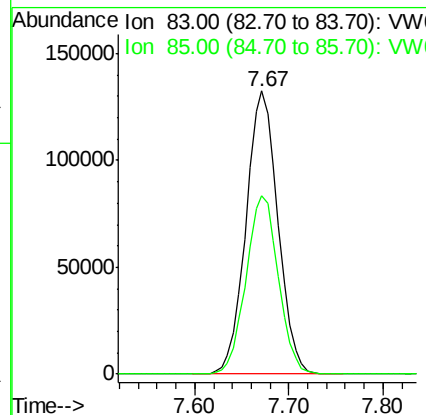
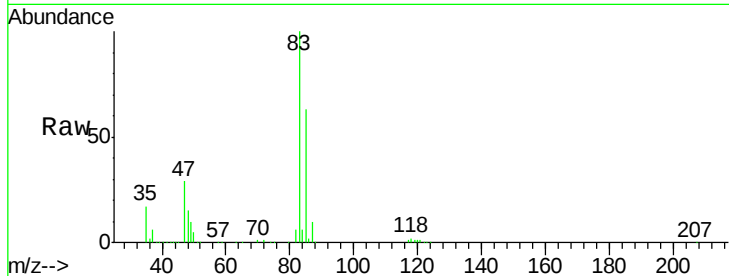
85 63.9 45.6 84.8

Manual Integrations

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#35

Trichloroethene

Concen: 5.283 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009837.D

Acq: 09 Apr 2019 13:18

Tgt Ion: 95 Resp: 42395

Ion Ratio Lower Upper

95 100

97 71.3 44.9 83.5

132 100.9 67.1 124.7

130 100.3 69.2 128.6

