

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012936.D
 Acq On : 23 Sep 2019 15:03
 Operator : SY/MD
 Sample : K4958-02
 Misc : 3.13G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY0

Manual Integrations
 APPROVED

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 9/24/2019 12:25:32 PM

Quant Time: Sep 24 07:50:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	677557	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	434545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96585	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276005	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	239149	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.56%
10) 1,1-Dichloroethene-d2	2.13	63	344495	19.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.84%
20) 2-Butanone-d5	3.95	46	116126	31.99	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.98%
24) Chloroform-d	4.40	84	443993	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	239776	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	5.09	84	909303	37.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.92%#
33) 1,2-Dichloropropane-d6	6.11	67	276991	36.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.68%#
37) Toluene-d8	7.36	98	670085	30.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.68%
38) trans-1,3-Dichloropropene-	7.66	79	78344	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.32%
39) 2-Hexanone-d5	8.14	63	60961	39.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	132809	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	86299	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds					Ovalue
13) Acetone	2.21	43	45395	11.766 ug/L	96
16) Methylene chloride	2.53	84	53637	5.296 ug/L	96
21) 2-Butanone	4.05	43	26611m	5.927 ug/L	

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

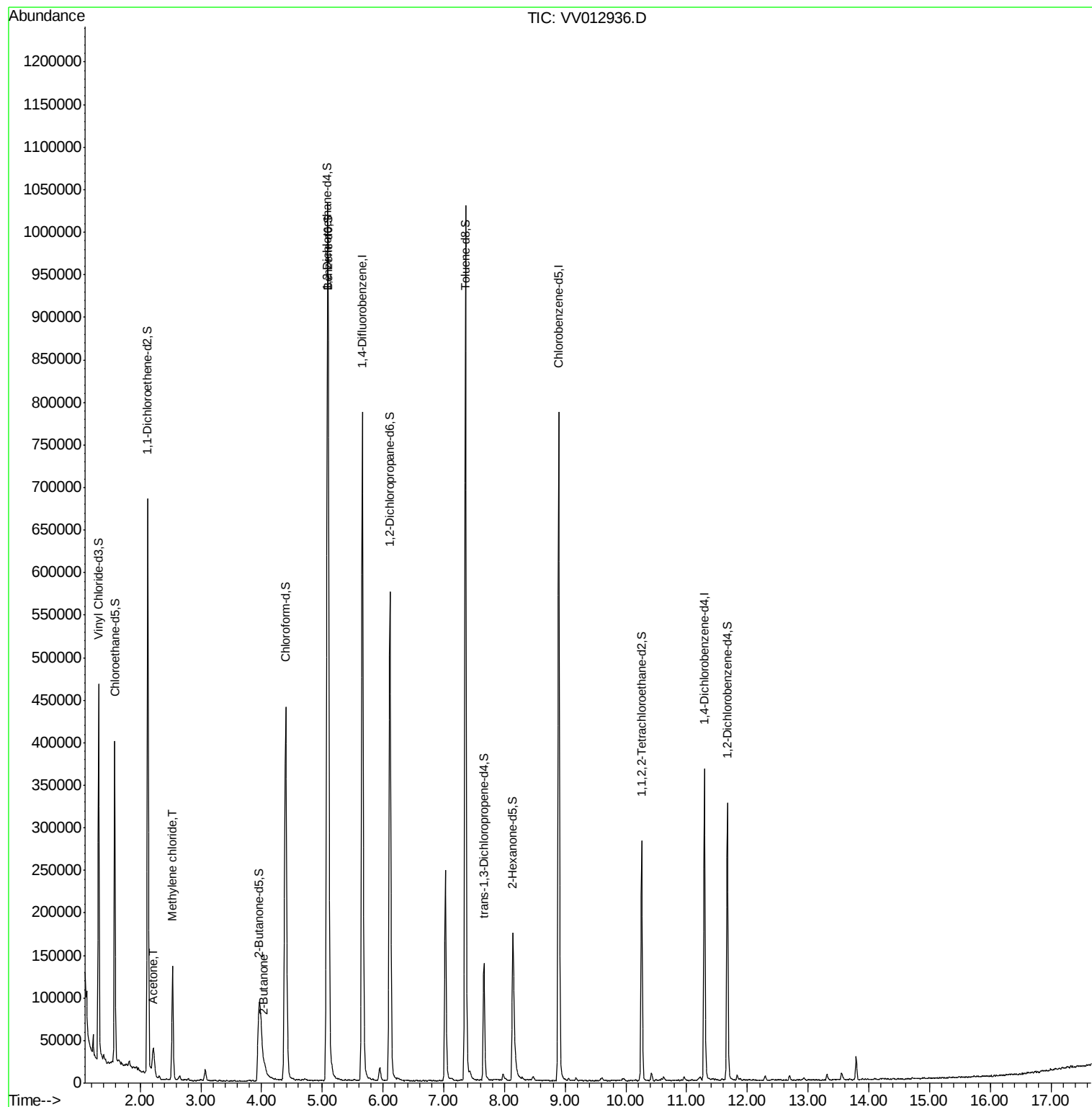
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
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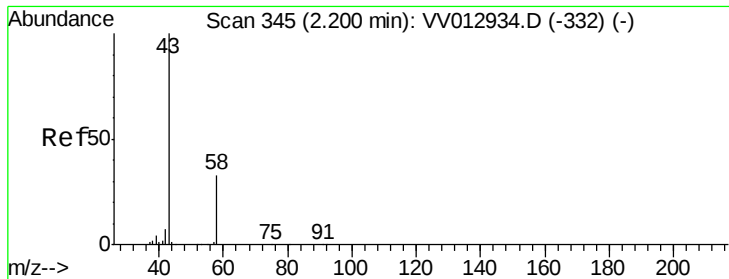
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QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.766 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV012936.D

Acq: 23 Sep 2019 15:03

Instrument :

MSVOA_V

ClientSampleId :

ESNY0

Tot Ion: 43 Resp: 45395

Ion Ratio Lower Upper

43 100

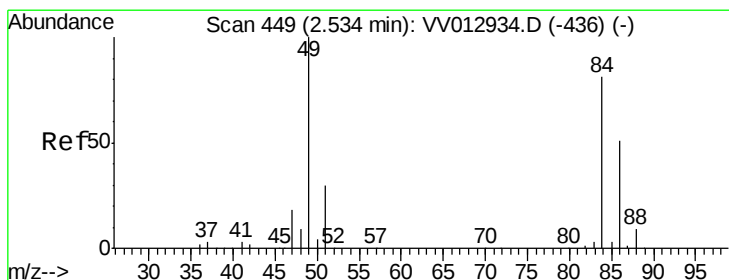
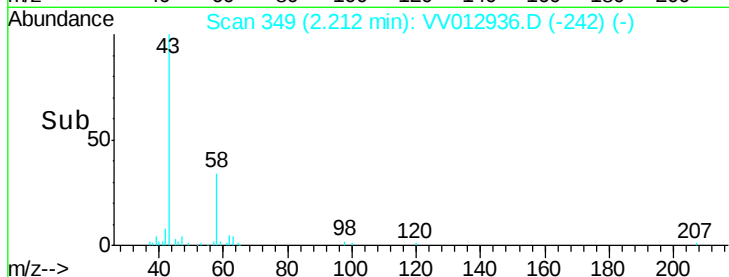
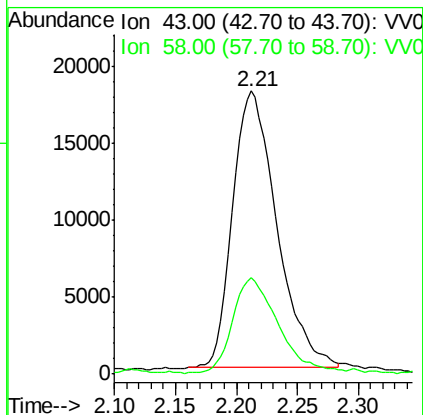
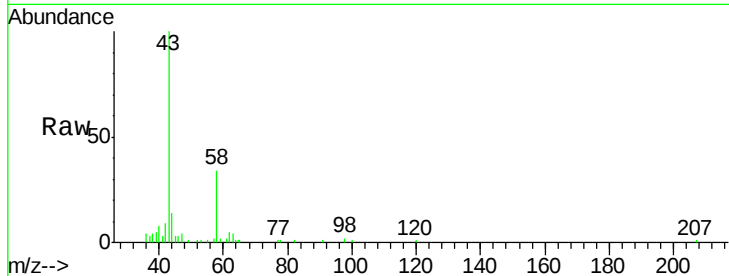
58 34.7 0.0 65.0

Manual Integrations

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#16

Methylene chloride

Concen: 5.296 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 23 Sep 2019 15:03

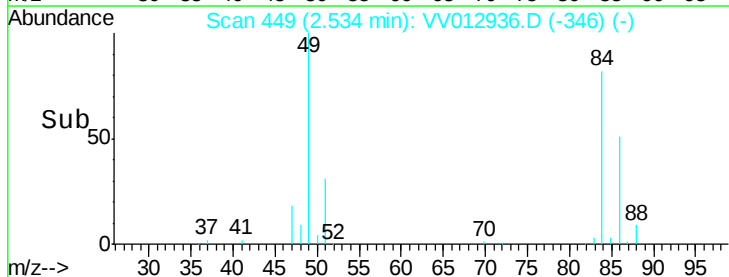
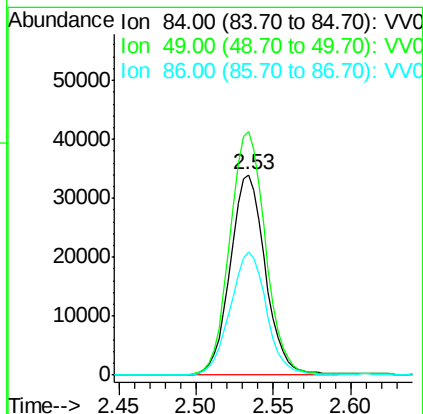
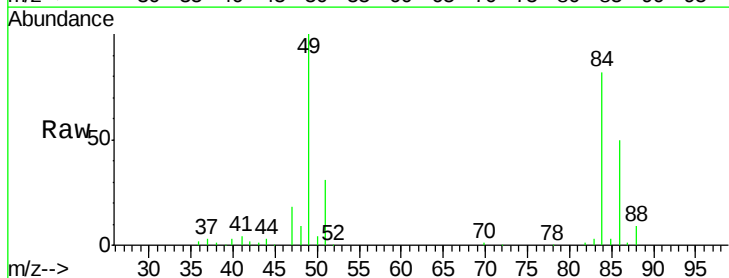
Tgt Ion: 84 Resp: 53637

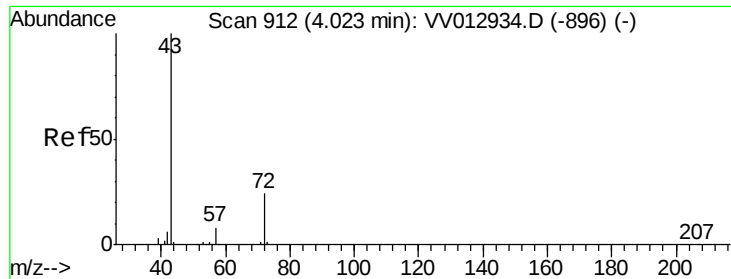
Ion Ratio Lower Upper

84 100

49 121.6 88.3 164.1

86 61.4 44.9 83.3





#21
 2-Butanone
 Concen: 5.927 ug/L m
 RT: 4.05 min Scan# 919
 Delta R.T. 0.02 min
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Tot Ion	Ratio	Lower	Upper
43	100		
72	1.4	11.9	35.9#

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