

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012978.D
 Acq On : 25 Sep 2019 15:53
 Operator : SY/MD
 Sample : K4958-16RE
 Misc : 3.29G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ9RE

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:32:04 PM

Quant Time: Sep 26 03:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	759566	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	576401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206893	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
7) Chloroethane-d5	1.58	69	196311	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	2.13	63	274689	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.08%
20) 2-Butanone-d5	3.95	46	96662	23.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.50%
24) Chloroform-d	4.40	84	387727	18.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.32%
26) 1,2-Dichloroethane-d4	5.08	65	239605	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.00%
29) Benzene-d6	5.10	84	836063	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	6.12	67	269694	26.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.96%
37) Toluene-d8	7.36	98	617836	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.60%
38) trans-1,3-Dichloropropene-	7.66	79	54602	12.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.12%
39) 2-Hexanone-d5	8.14	63	60534	29.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	159345	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	100423	17.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.60%#

Target Compounds					Ovalue
13) Acetone	2.21	43	99688	23.049 ug/L	99
16) Methylene chloride	2.54	84	18345	1.616 ug/L	95
21) 2-Butanone	4.04	43	39248m	7.797 ug/L	

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

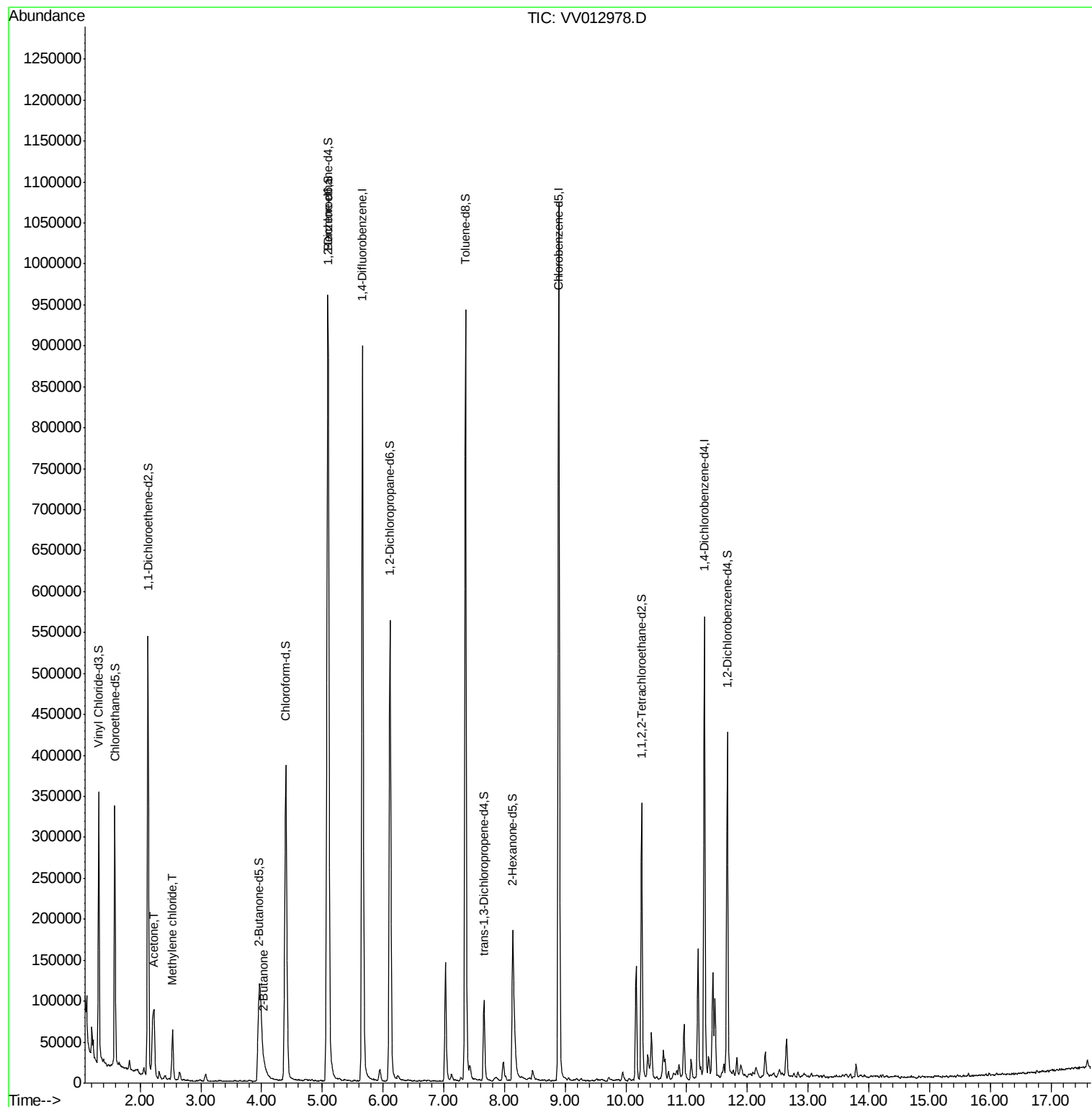
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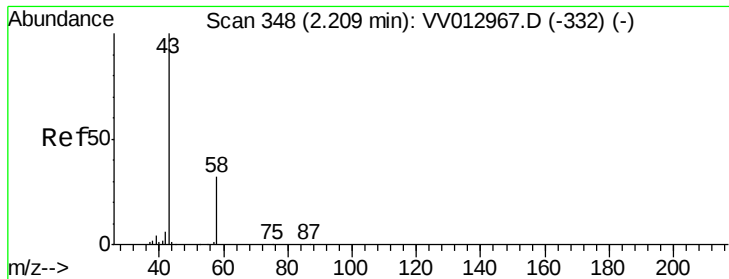
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Response via : Initial Calibration





#13

Acetone

Concen: 23.049 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV012978.D

Acq: 25 Sep 2019 15:53

Tot Ion: 43 Resp: 99688

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0

Instrument :

MSVOA_V

ClientSampleId :

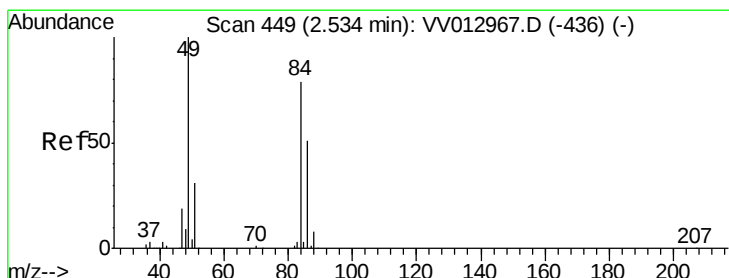
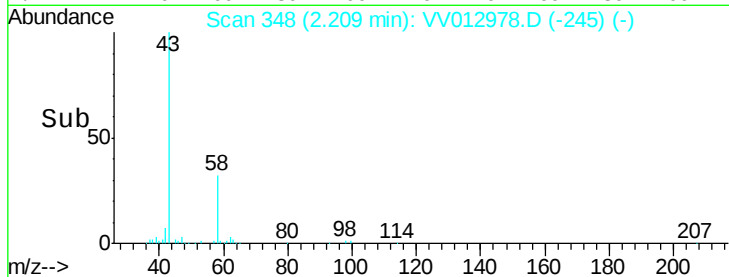
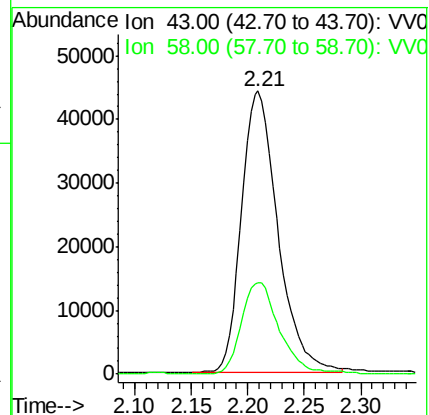
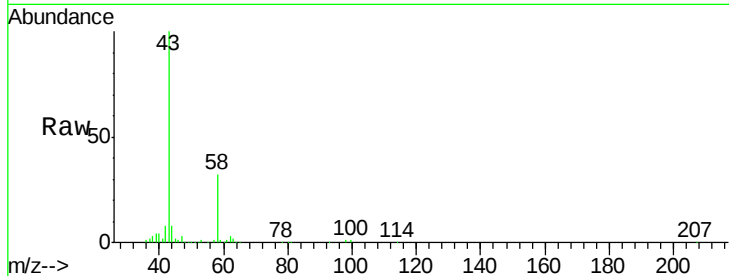
ESNZ9RE

Manual Integrations

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#16

Methylene chloride

Concen: 1.616 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012978.D

Acq: 25 Sep 2019 15:53

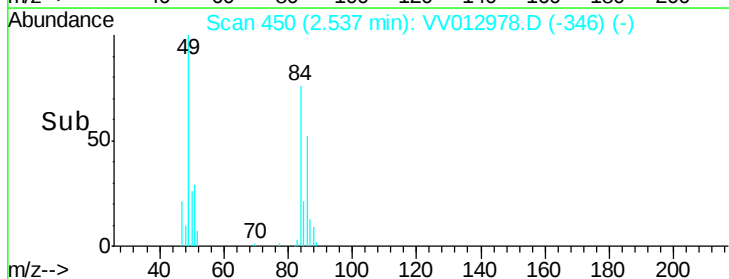
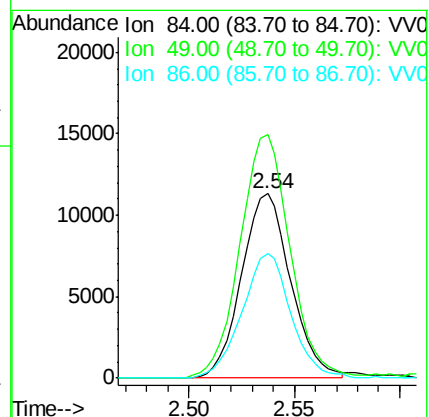
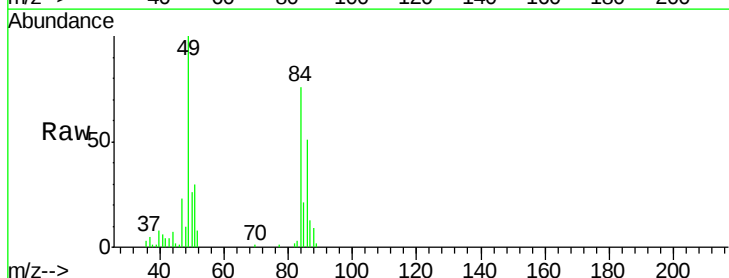
Tgt Ion: 84 Resp: 18345

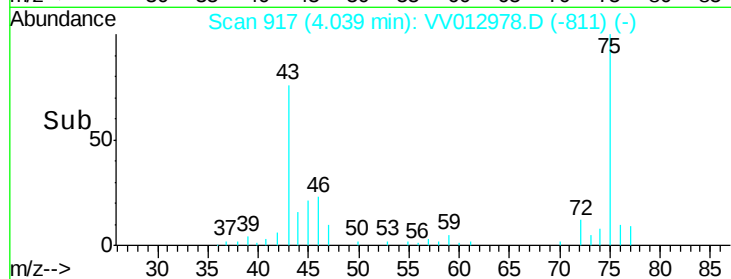
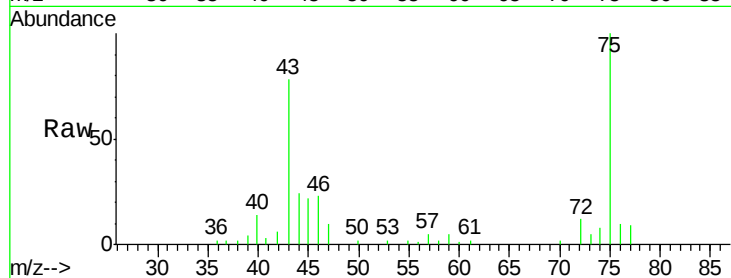
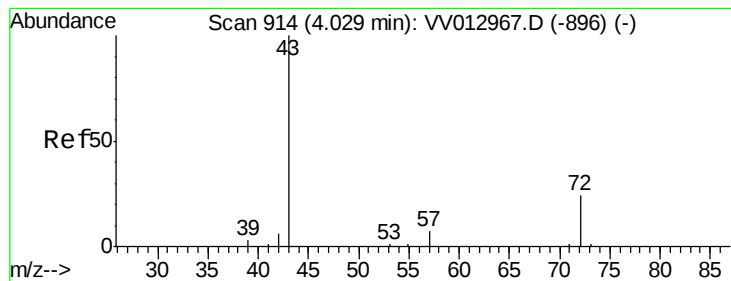
Ion Ratio Lower Upper

84 100

49 132.0 88.3 164.1

86 67.8 44.9 83.3





#21

2-Butanone

Concen: 7.797 ug/L m

RT: 4.04 min Scan# 917

Delta R.T. 0.01 min

Lab File: VV012978.D

Acq: 25 Sep 2019 15:53

Tot Ion: 43 Resp: 39248

Ion Ratio Lower Upper

43 100

72 0.1 11.9 35.9#

Instrument :

MSVOA_V

ClientSampleId :

ESNZ9RE

Manual Integrations

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