

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012972.D
 Acq On : 25 Sep 2019 13:08
 Operator : SY/MD
 Sample : K4958-04RE
 Misc : 3.61G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY2RE

Quant Time: Sep 26 02:26:53 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	721234	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	493871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214887	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	203508	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	2.13	63	276399	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	3.95	46	60359	15.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.24%
24) Chloroform-d	4.40	84	412265	20.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	220585	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.60%
29) Benzene-d6	5.10	84	806889	29.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.04%
33) 1,2-Dichloropropane-d6	6.11	67	258027	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.40%
37) Toluene-d8	7.36	98	565493	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
38) trans-1,3-Dichloropropene-	7.66	79	55991	15.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.20%
39) 2-Hexanone-d5	8.13	63	33056	19.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	133840	16.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	65764	17.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.84%#

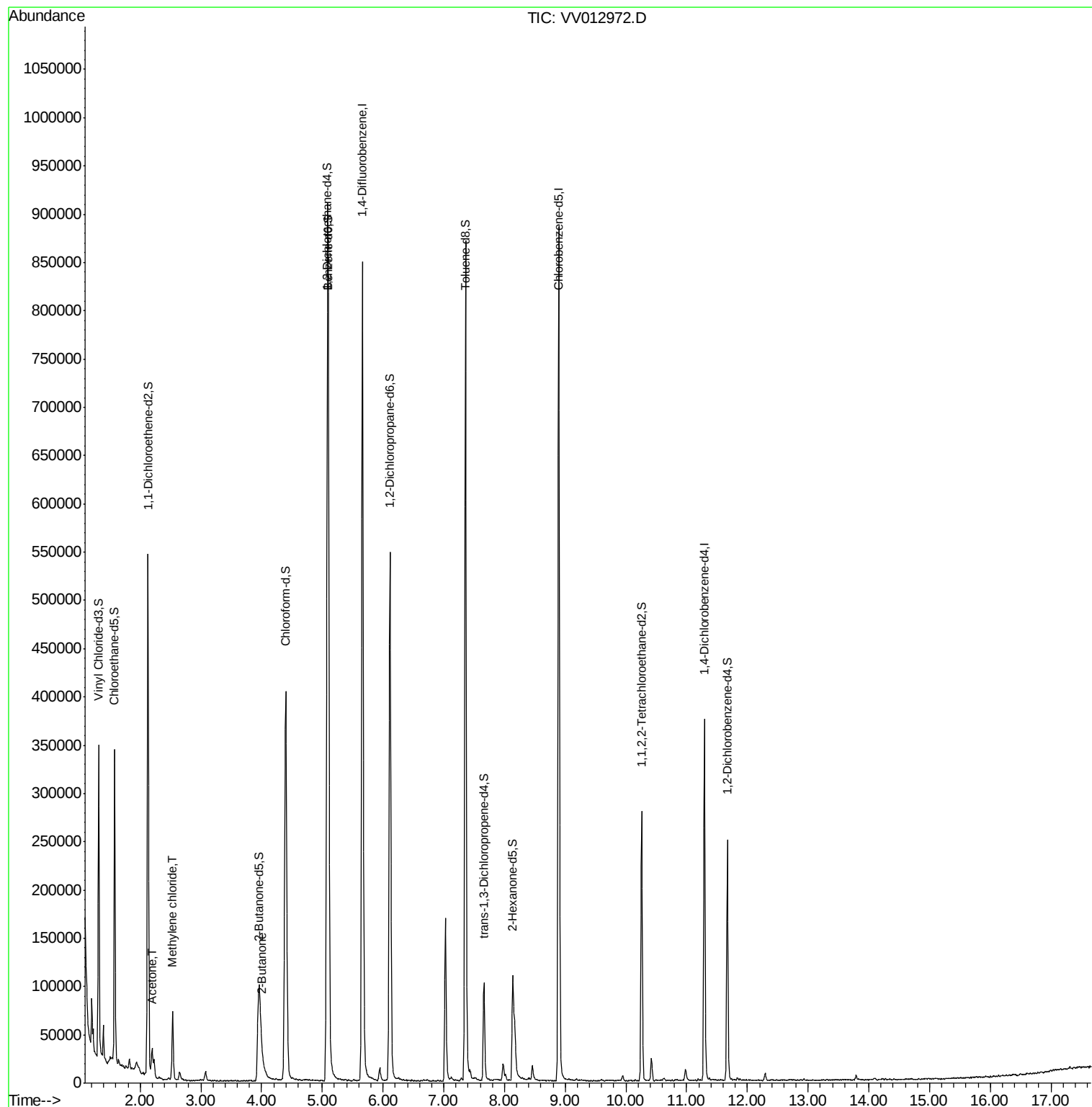
Target Compounds					Ovalue
13) Acetone	2.20	43	32093	7.815 ug/L	98
16) Methylene chloride	2.54	84	27655	2.565 ug/L	96
21) 2-Butanone	4.01	43	36411	7.618 ug/L #	58

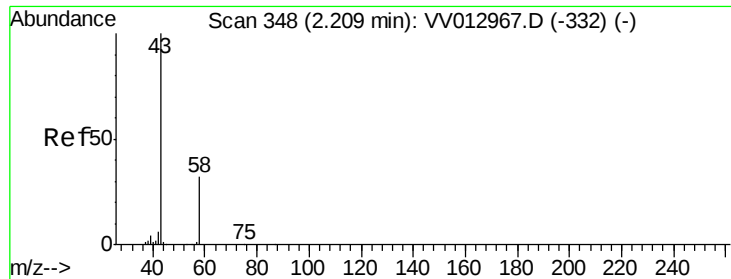
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.815 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

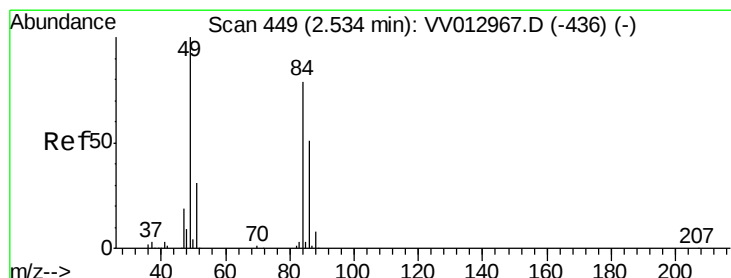
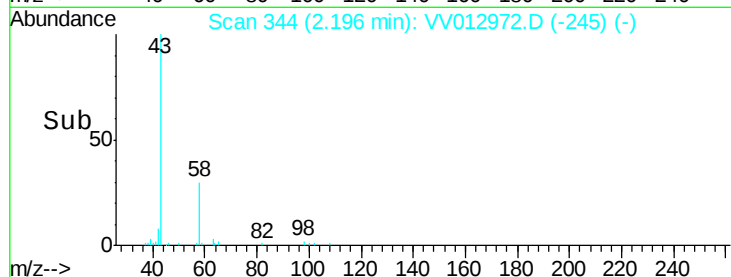
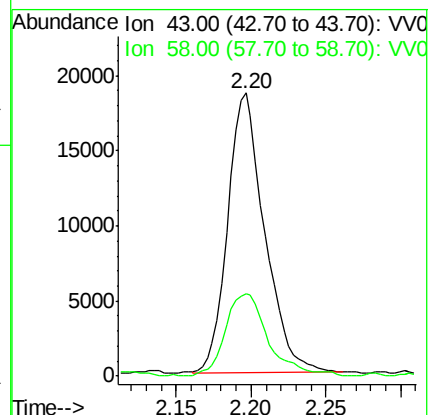
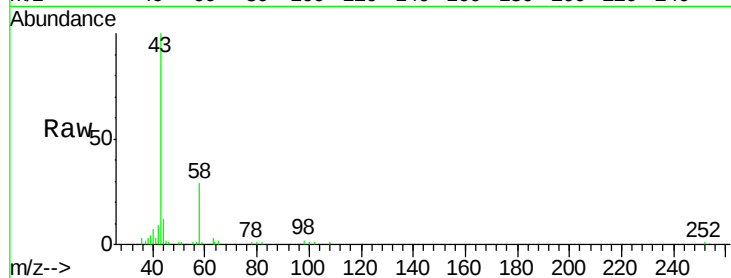
ESNY2RE

Tot Ion: 43 Resp: 32093

Ion Ratio Lower Upper

43 100

58 33.7 0.0 65.0



#16

Methylene chloride

Concen: 2.565 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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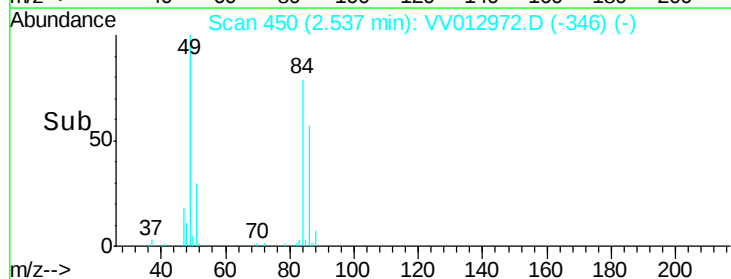
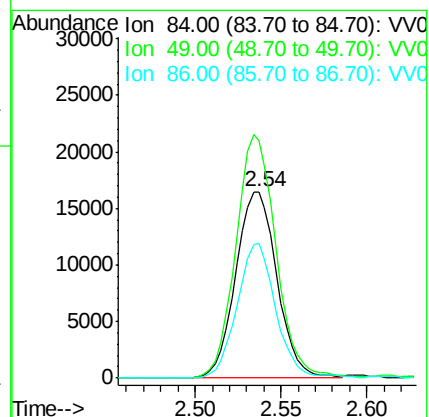
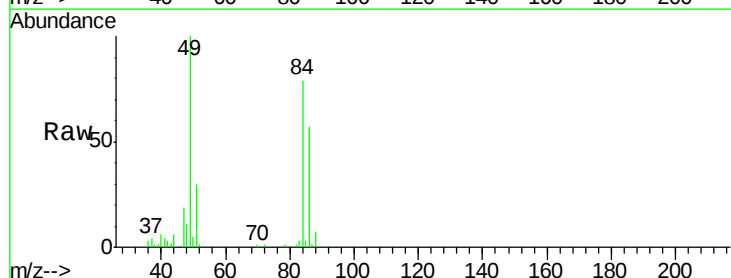
Tgt Ion: 84 Resp: 27655

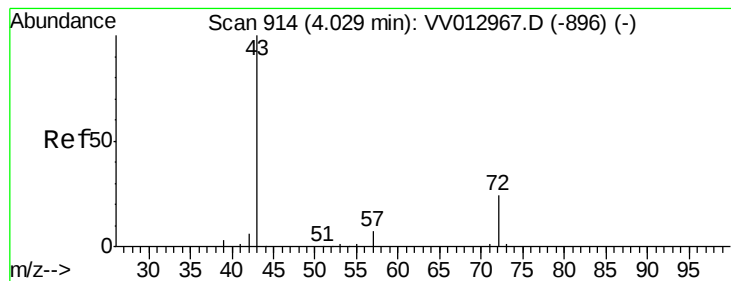
Ion Ratio Lower Upper

84 100

49 127.1 88.3 164.1

86 72.1 44.9 83.3





#21

2-Butanone

Concen: 7.618 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.02 min

Lab File: VV012972.D

Acq: 25 Sep 2019 13:08

Instrument :
MSVOA_V
ClientSampleId :
ESNY2RE

Tot Ion: 43 Resp: 36411

Ion Ratio Lower Upper

43 100

72 3.0 11.9 35.9#

