

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012976.D
 Acq On : 25 Sep 2019 14:58
 Operator : SY/MD
 Sample : K4958-14RE
 Misc : 3.66G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ4RE

Quant Time: Sep 26 03:09:14 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	578872	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	409808	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	88384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136961	15.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.00%
7) Chloroethane-d5	1.58	69	144539	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	2.13	63	185021	12.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.56%
20) 2-Butanone-d5	3.94	46	79443	25.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.24%
24) Chloroform-d	4.40	84	333463	20.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	5.08	65	190907	20.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.60%
29) Benzene-d6	5.10	84	622102	27.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.76%
33) 1,2-Dichloropropane-d6	6.11	67	218461	30.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.84%#
37) Toluene-d8	7.36	98	440818	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	7.66	79	36753	12.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	48.40%
39) 2-Hexanone-d5	8.13	63	46304	32.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	121992	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	60963	17.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.00%#

Target Compounds

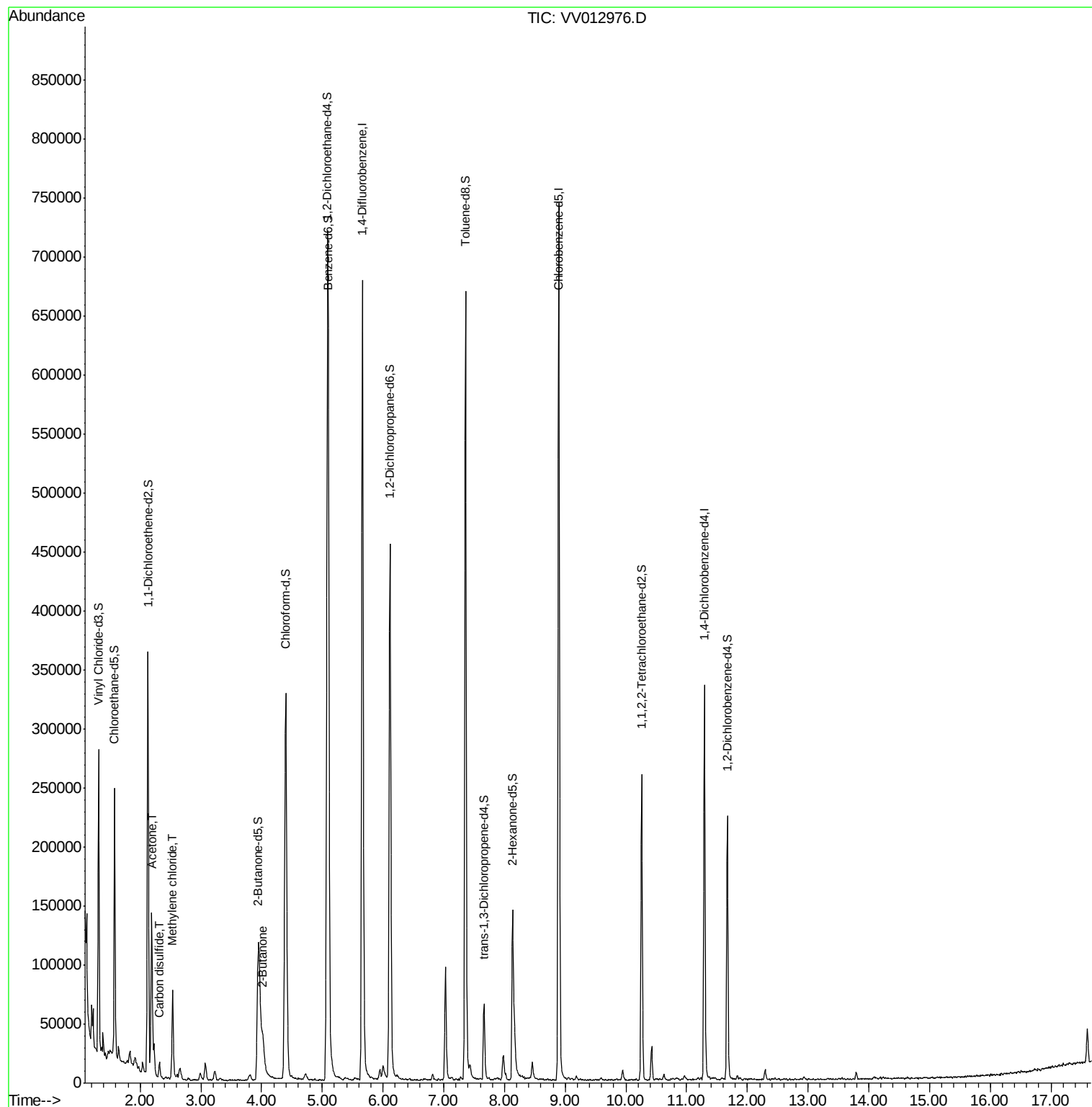
					Ovalue
13) Acetone	2.19	43	138631	42.058	ug/L 99
14) Carbon disulfide	2.32	76	11545	0.552	ug/L 97
16) Methylene chloride	2.53	84	30031	3.471	ug/L 98
21) 2-Butanone	4.02	43	77128	20.106	ug/L 84

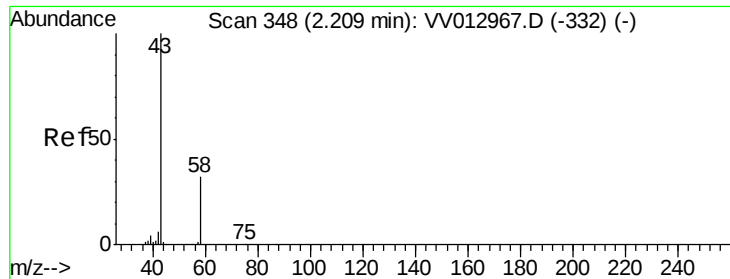
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 42.058 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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Acq: 25 Sep 2019 14:58

Instrument :

MSVOA_V

ClientSampleId :

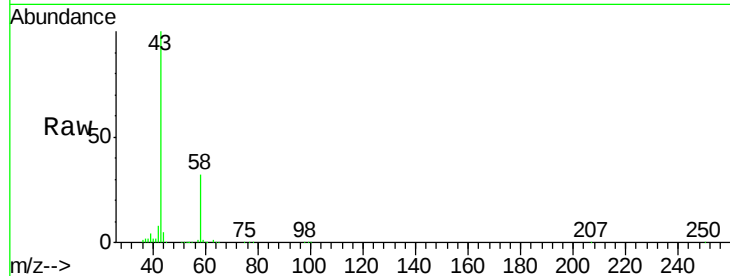
ESNZ4RE

Tot Ion: 43 Resp: 138631

Ion Ratio Lower Upper

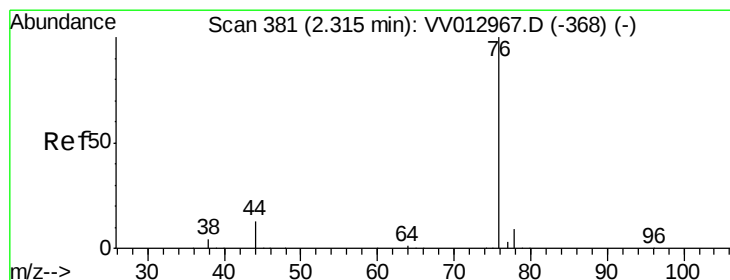
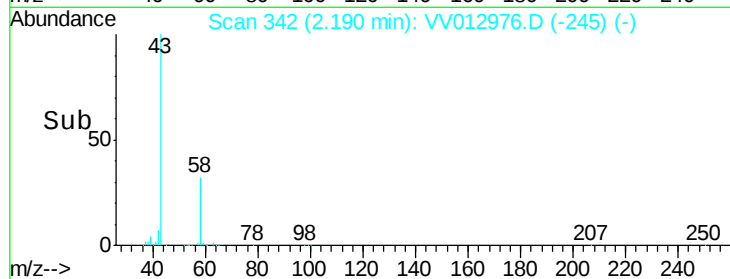
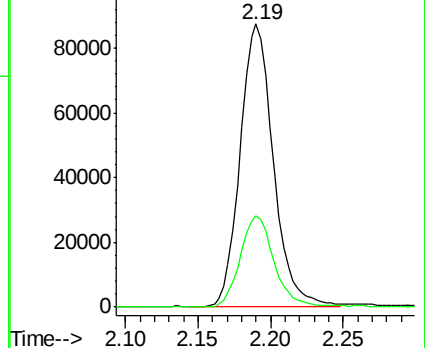
43 100

58 32.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 0.552 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012976.D

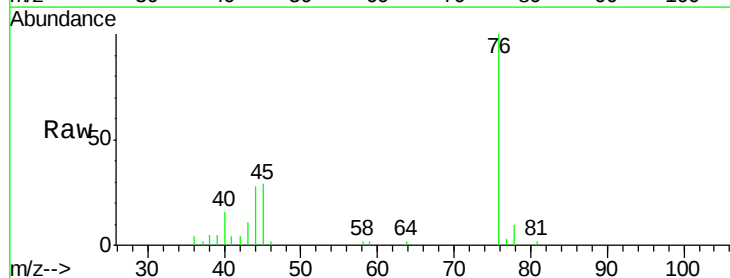
Acq: 25 Sep 2019 14:58

Tgt Ion: 76 Resp: 11545

Ion Ratio Lower Upper

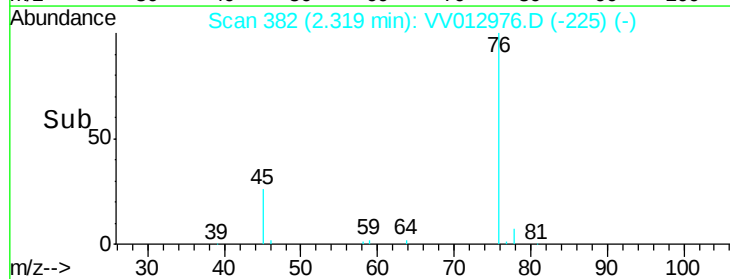
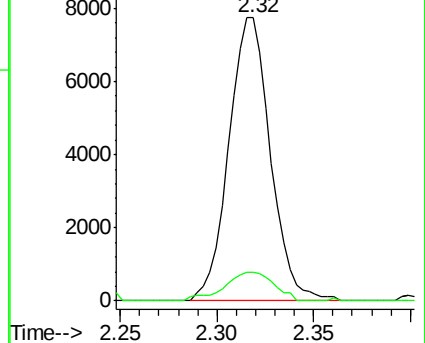
76 100

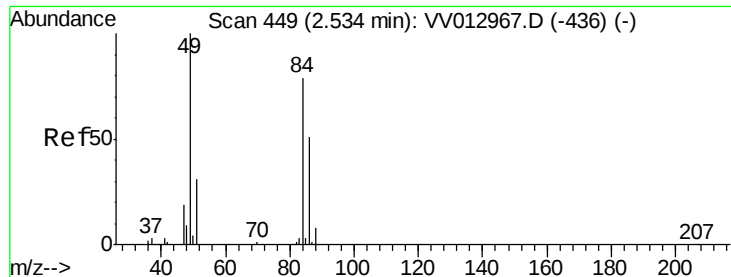
78 10.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

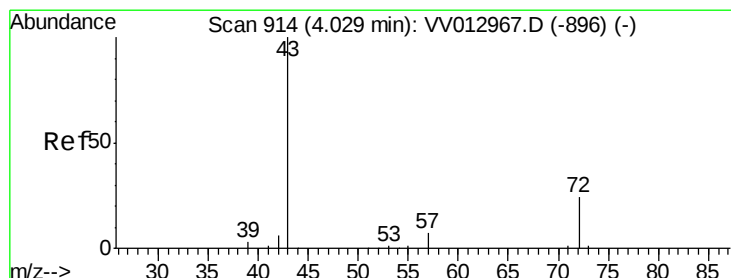
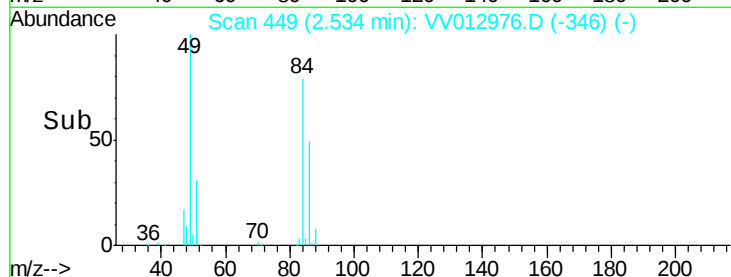
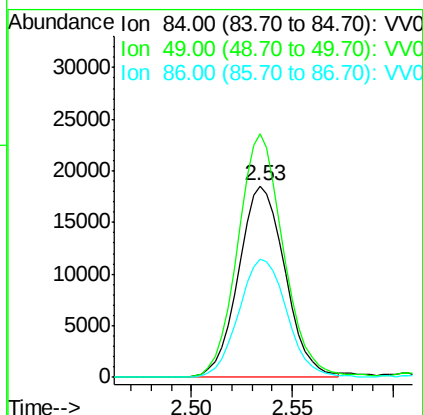
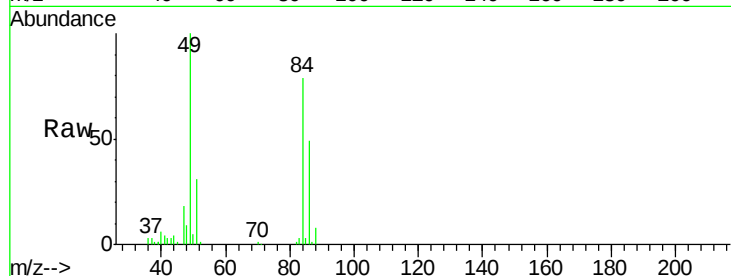




#16
Methvlene chloride
Concen: 3.471 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
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Instrument :
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ClientSampleId :
ESNZ4RE

Tot Ion: 84 Resp: 30031
Ion Ratio Lower Upper
84 100
49 127.1 88.3 164.1
86 61.7 44.9 83.3



#21
2-Butanone
Concen: 20.106 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.01 min
Lab File: VV012976.D
Acq: 25 Sep 2019 14:58

Tgt Ion: 43 Resp: 77128
Ion Ratio Lower Upper
43 100
72 15.9 11.9 35.9

