

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012945.D
 Acq On : 23 Sep 2019 19:12
 Operator : SY/MD
 Sample : K4958-14
 Misc : 2.88G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ4

Quant Time: Sep 24 08:17:22 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	602557	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	420444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	249870	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.92%
7) Chloroethane-d5	1.58	69	220745	29.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.80%
10) 1,1-Dichloroethene-d2	2.13	63	315498	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.16%
20) 2-Butanone-d5	3.94	46	124191	38.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.94%
24) Chloroform-d	4.40	84	449797	27.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.68%
26) 1,2-Dichloroethane-d4	5.08	65	249046	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
29) Benzene-d6	5.10	84	901747	38.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.64%#
33) 1,2-Dichloropropane-d6	6.12	67	288596	39.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.88%#
37) Toluene-d8	7.36	98	684062	32.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.40%
38) trans-1,3-Dichloropropene-	7.66	79	64348	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	8.14	63	64895	43.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	160975	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	94384	28.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.36%

Target Compounds

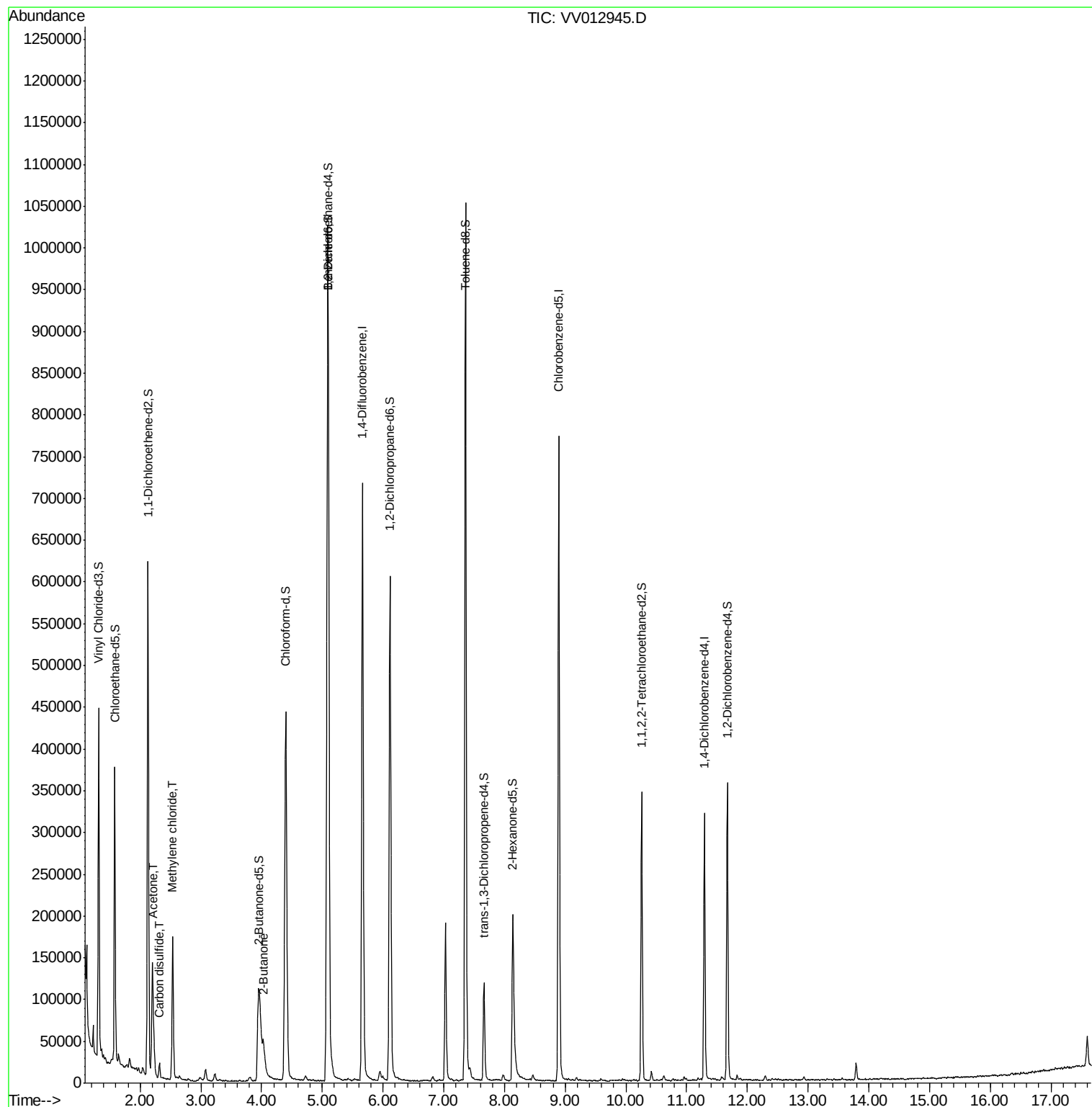
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	170824	49.788	ug/L	99
14) Carbon disulfide	2.32	76	21483	0.987	ug/L	99
16) Methylene chloride	2.53	84	66733	7.410	ug/L	95
21) 2-Butanone	4.03	43	57247	14.337	ug/L	91

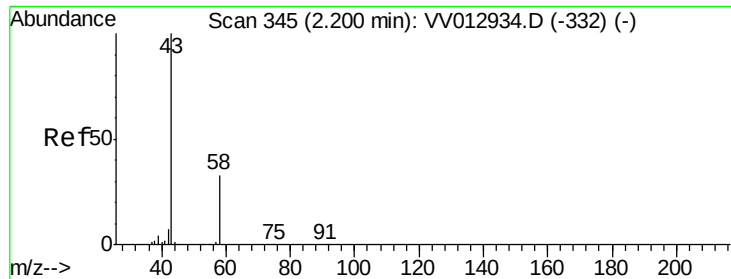
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 49.788 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV012945.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_V

ClientSampleId :

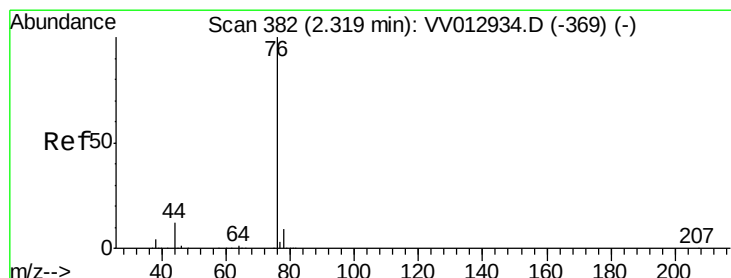
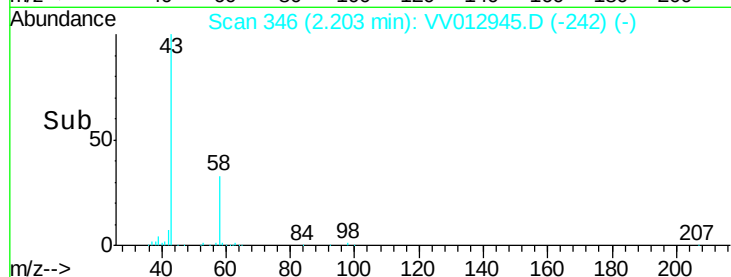
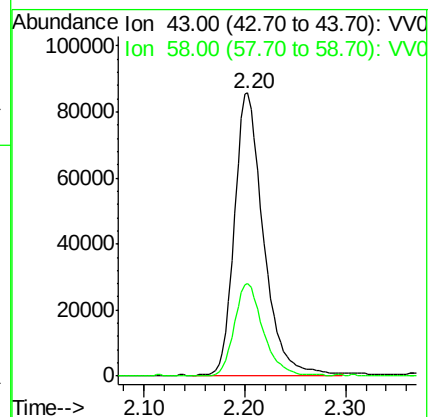
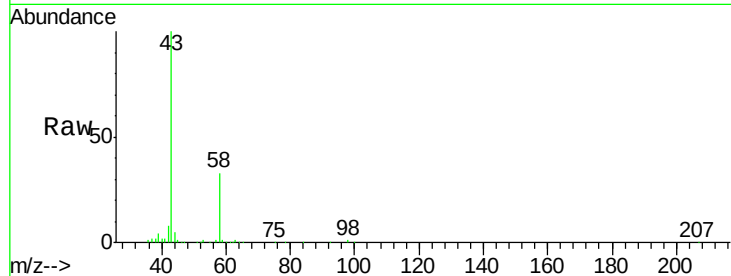
ESNZ4

Tot Ion: 43 Resp: 170824

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.0



#14

Carbon disulfide

Concen: 0.987 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012945.D

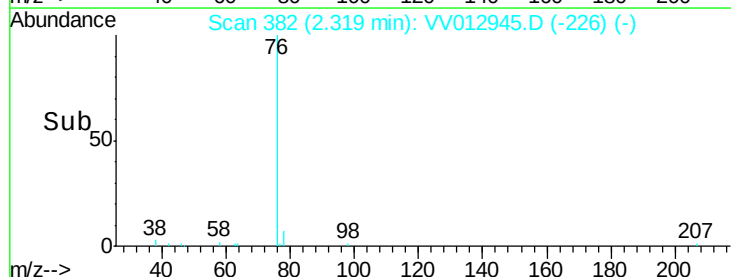
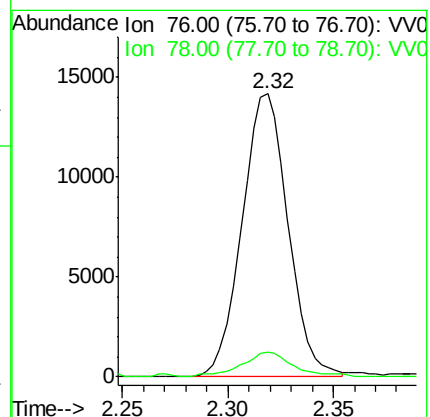
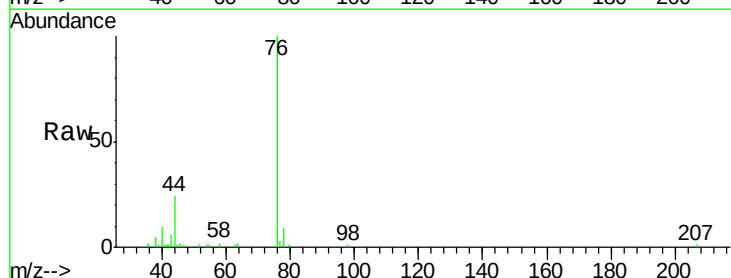
Acq: 23 Sep 2019 19:12

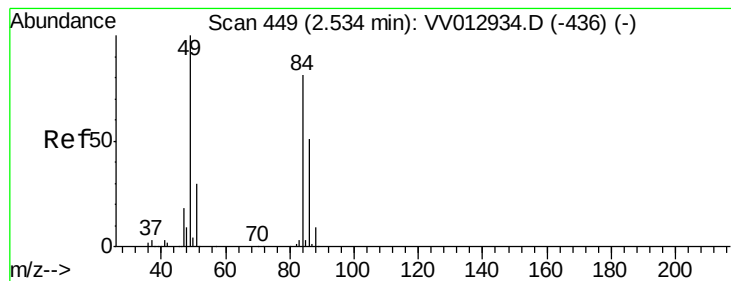
Tgt Ion: 76 Resp: 21483

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#16

Methvlene chloride

Concen: 7.410 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012945.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_V

ClientSampled :

ESNZ4

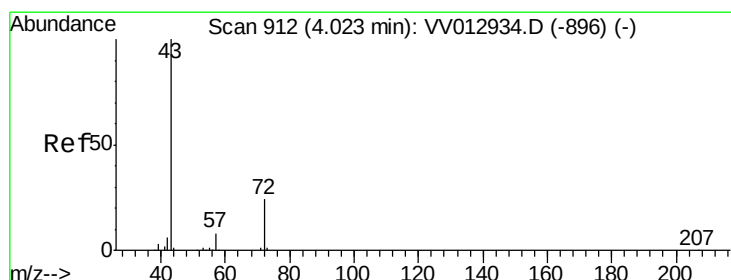
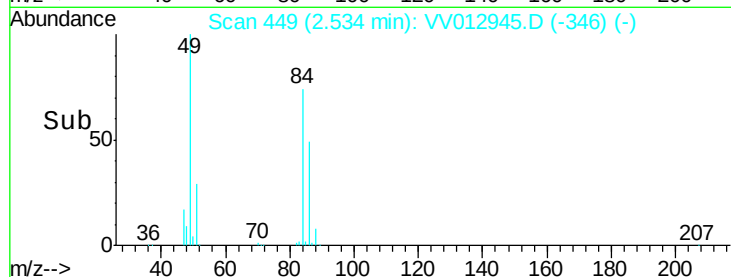
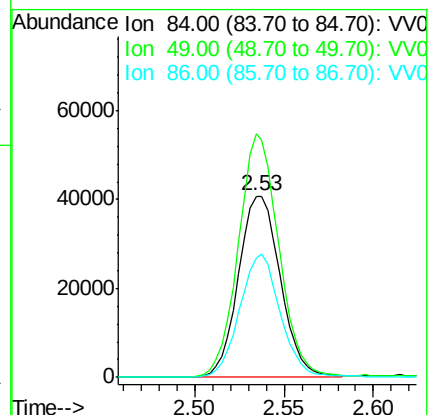
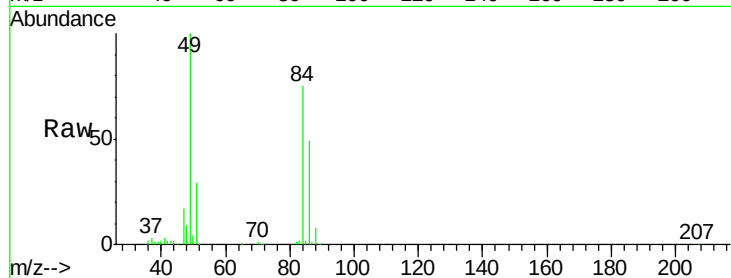
Tot Ion: 84 Resp: 66733

Ion Ratio Lower Upper

84 100

49 134.1 88.3 164.1

86 66.1 44.9 83.3



#21

2-Butanone

Concen: 14.337 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.01 min

Lab File: VV012945.D

Acq: 23 Sep 2019 19:12

Tgt Ion: 43 Resp: 57247

Ion Ratio Lower Upper

43 100

72 28.3 11.9 35.9

