

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009173.D
 Acq On : 04 Jan 2019 22:17
 Operator : SY/MD
 Sample : K1051-04
 Misc : 6.57 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X2

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:00:18 AM

Quant Time: Jan 05 05:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181010	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24203	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	24737	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	2.13	63	60382m	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	3.96	46	33724	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
24) Chloroform-d	4.40	84	85866	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	51945	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	5.10	84	169763	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	6.12	67	51693	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	7.36	98	150067	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	7.67	79	22288	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	8.14	63	22717	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59628	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	65865	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%

Target Compounds					Ovalue
13) Acetone	2.22	43	7714	6.249 ug/L	97
16) Methylene chloride	2.54	84	42117	15.574 ug/L	94
35) Trichloroethene	5.96	95	28889	10.870 ug/L	98

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

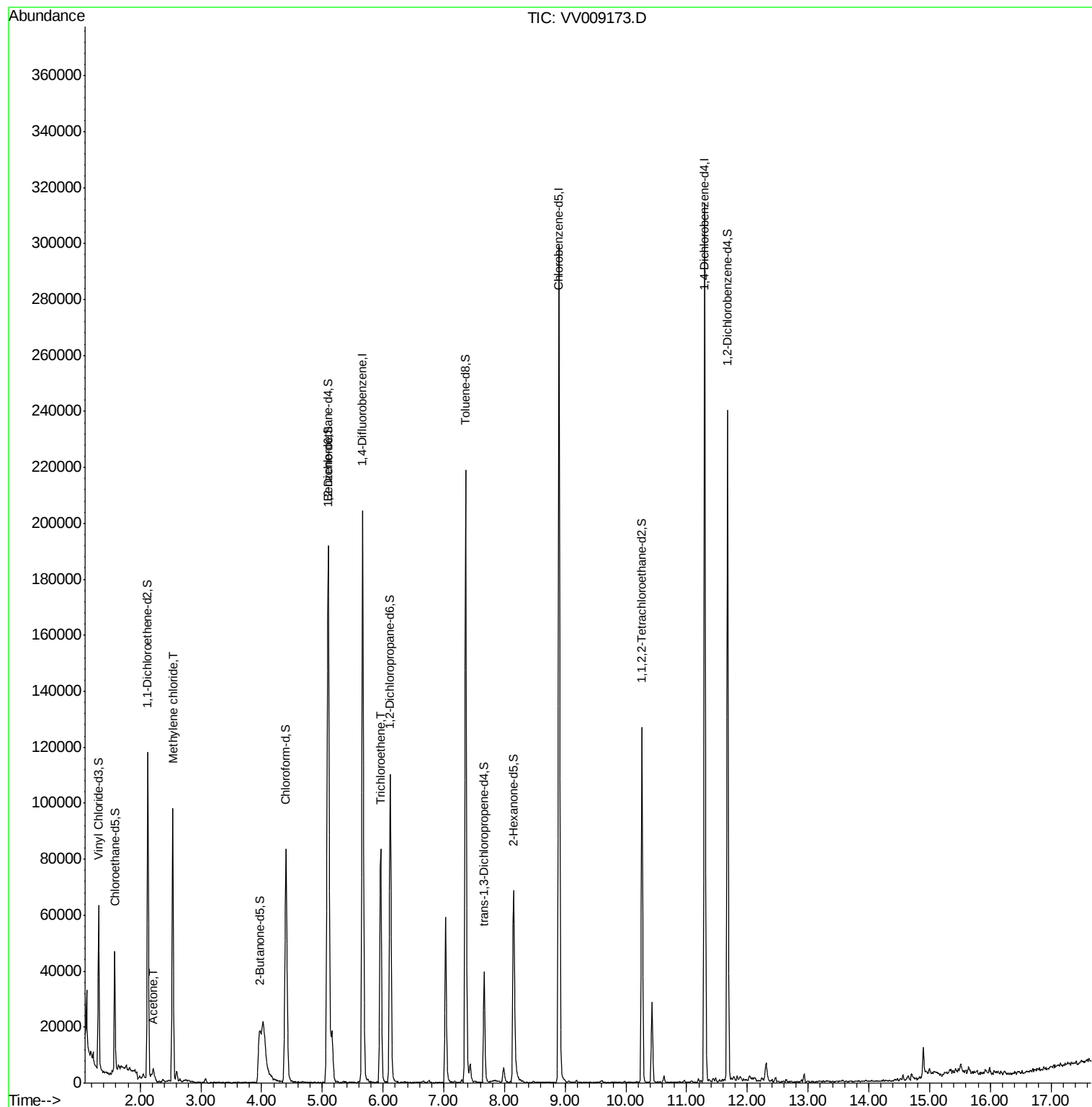
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
Data File : VV009173.D
Acq On : 04 Jan 2019 22:17
Operator : SY/MD
Sample : K1051-04
Misc : 6.57 G/10ML/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

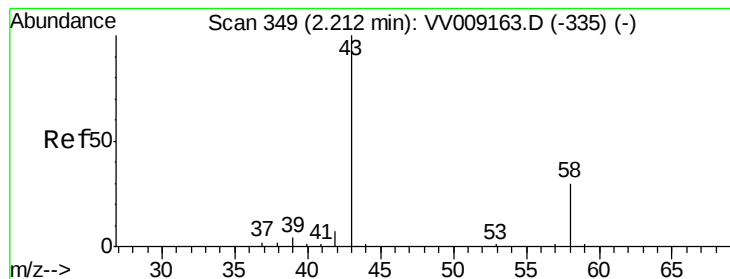
Instrument :
MSVOA_V
ClientSampleId :
BE9X2

Manual Integrations
APPROVED

MMDadoda
1/8/2019 12:00:18 AM

Quant Time: Jan 05 05:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.249 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV009173.D

Acq: 04 Jan 2019 22:17

Instrument :

MSVOA_V

ClientSampled :

BE9X2

Tot Ion: 43 Resp: 7714

Ion Ratio Lower Upper

43 100

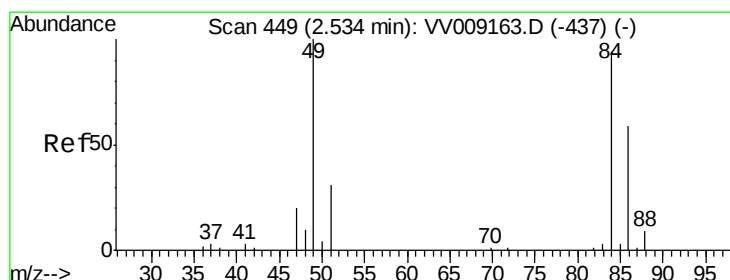
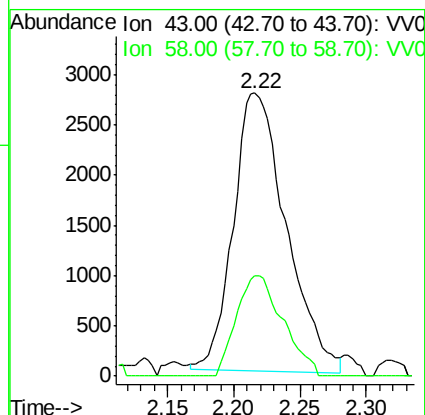
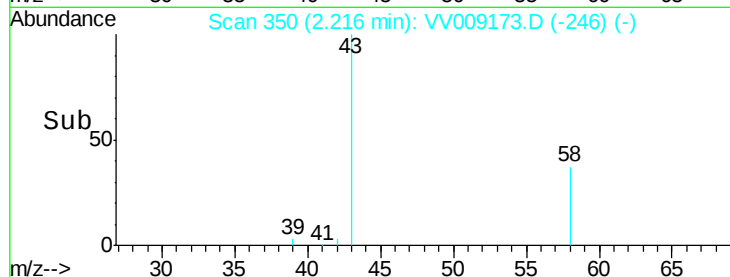
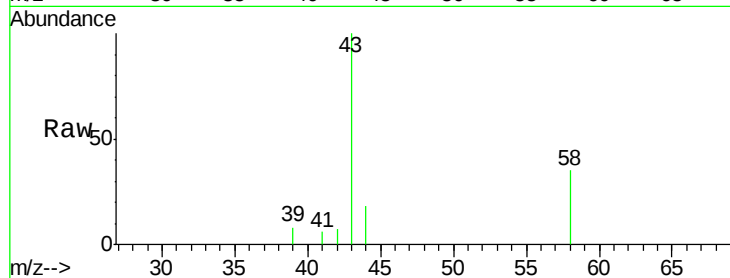
58 31.6 0.0 67.0

Manual Integrations

APPROVED

MMDadoda

1/8/2019 12:00:18 AM



#16

Methylene chloride

Concen: 15.574 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009173.D

Acq: 04 Jan 2019 22:17

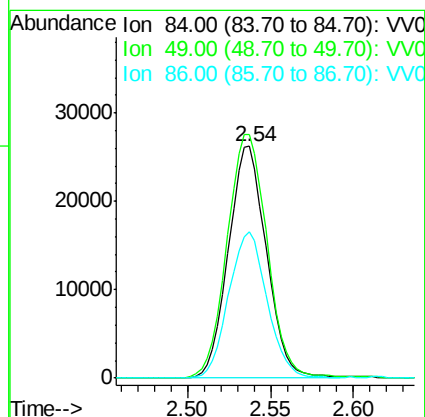
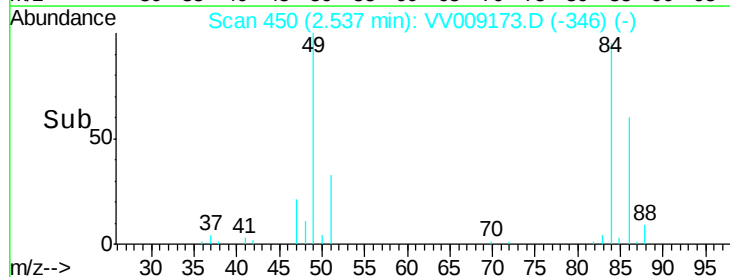
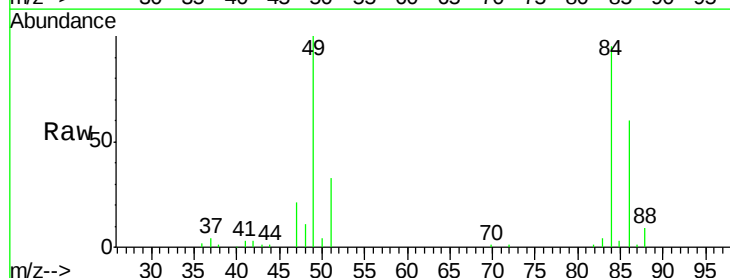
Tgt Ion: 84 Resp: 42117

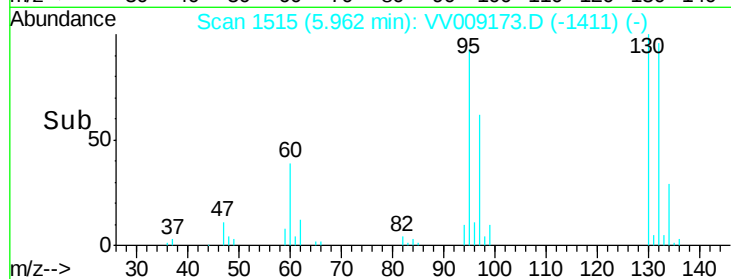
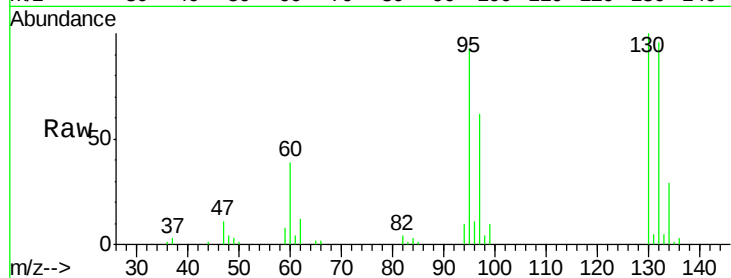
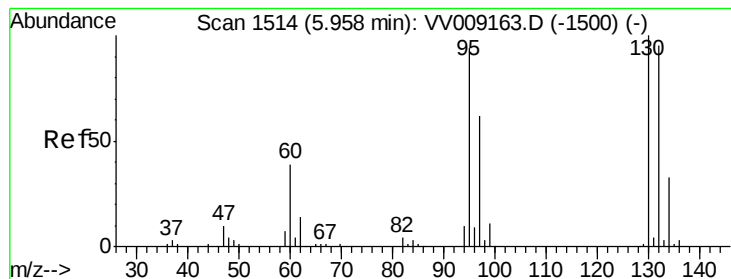
Ion Ratio Lower Upper

84 100

49 104.9 77.6 144.2

86 63.0 47.4 88.0





#35

Trichloroethene

Concen: 10.870 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009173.D

Acq: 04 Jan 2019 22:17

Tot Ion	Ion	Ratio	Resp Lower	Upper
95	100			
97	65.4	46.2	85.8	
132	101.5	73.9	137.3	
130	107.9	77.0	143.0	

Instrument :
MSVOA_V
ClientSampleId :
BE9X2

Manual Integrations
APPROVED

MMDadoda
1/8/2019 12:00:18 AM

