

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040519\
 Data File : VV010128.D
 Acq On : 05 Apr 2019 13:10
 Operator : SY/MD
 Sample : K2148-17
 Misc : 4.70G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5J3

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:36 AM

Quant Time: Apr 06 00:33:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	278312	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	195015	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61043	16.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.52%
7) Chloroethane-d5	1.58	69	103173	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
10) 1,1-Dichloroethene-d2	2.13	63	127604	13.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.32%
20) 2-Butanone-d5	3.95	46	36804m	34.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.42%
24) Chloroform-d	4.40	84	146023	20.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.08	65	80696	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.28%
29) Benzene-d6	5.10	84	302516	21.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.04%
33) 1,2-Dichloropropane-d6	6.12	67	87689	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.52%
37) Toluene-d8	7.36	98	277488	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	7.67	79	34043	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.84%
39) 2-Hexanone-d5	8.14	63	30384	36.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.14%
48) 1,1,2,2-Tetrachloroethane-	10.29	84	374098	90.31	ug/L	0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	=	361.24%#
61) 1,2-Dichlorobenzene-d4	11.68	152	274927	36.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	144.76%#

Target Compounds

					Ovalue
13) Acetone	2.21	43	21417	20.432	ug/L 100
16) Methylene chloride	2.54	84	12747	2.607	ug/L 98
36) Methylcyclohexane	6.17	83	33202	5.737	ug/L 89
57) Isopropylbenzene	9.98	105	110886	6.751	ug/L # 90

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

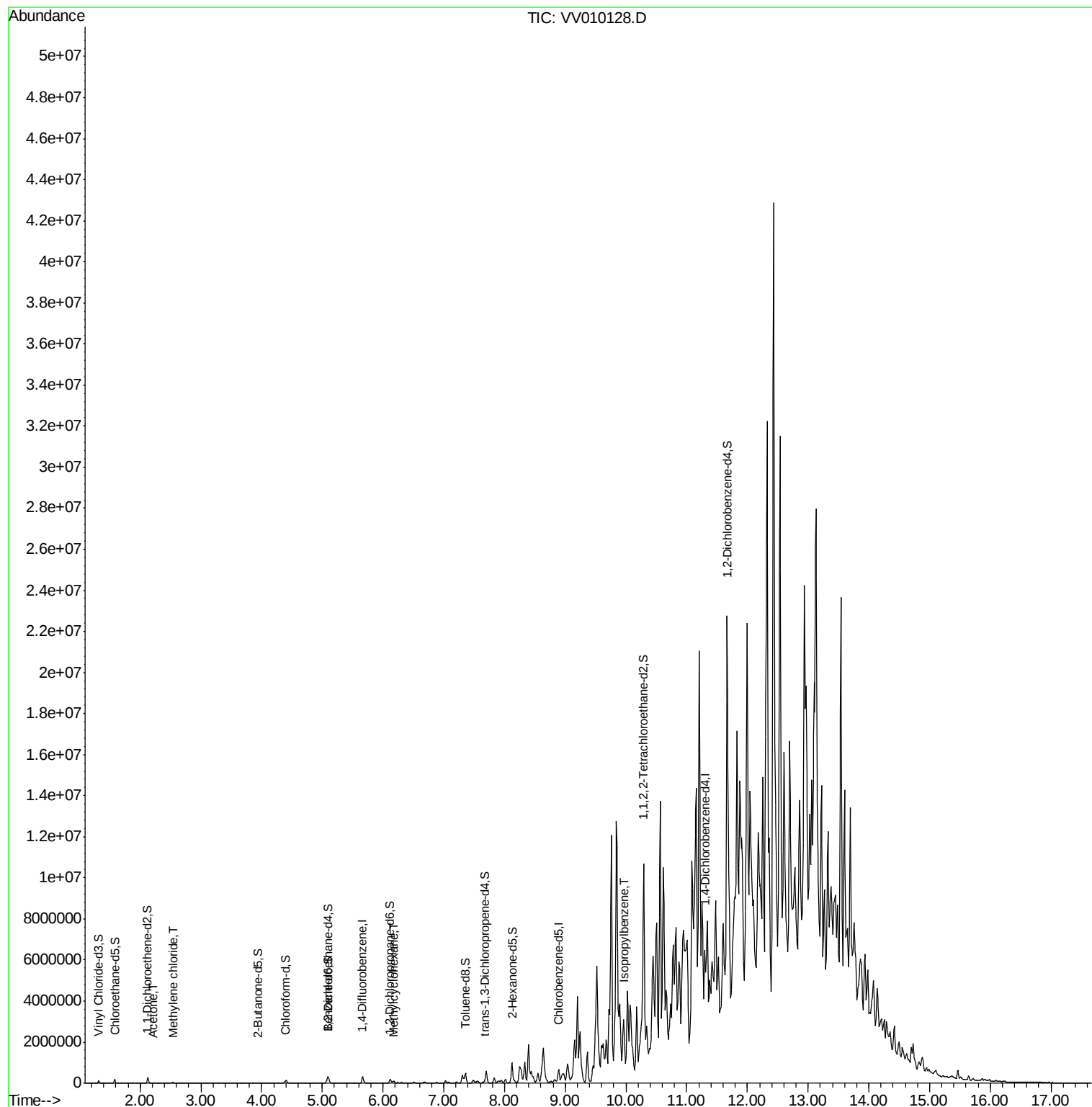
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040519\
Data File : VV010128.D
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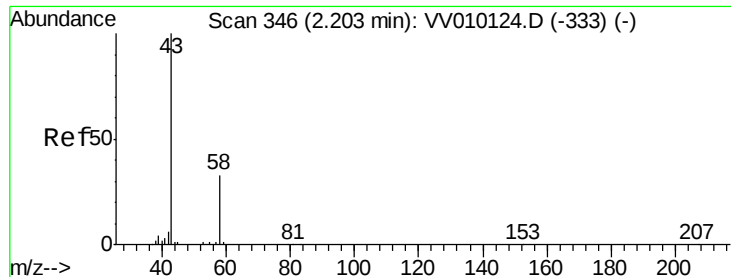
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration





#13

Acetone

Concen: 20.432 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010128.D

Acq: 05 Apr 2019 13:10

Instrument :

MSVOA_V

ClientSampled :

BF5J3

Tot Ion: 43 Resp: 21417

Ion Ratio Lower Upper

43 100

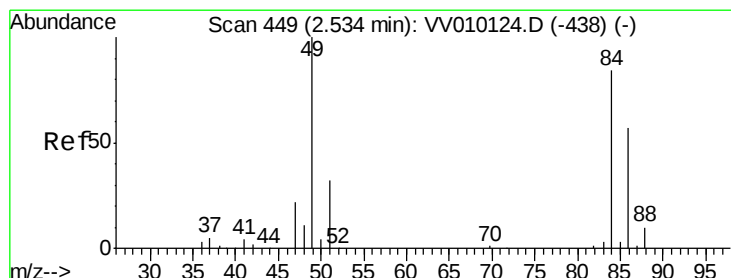
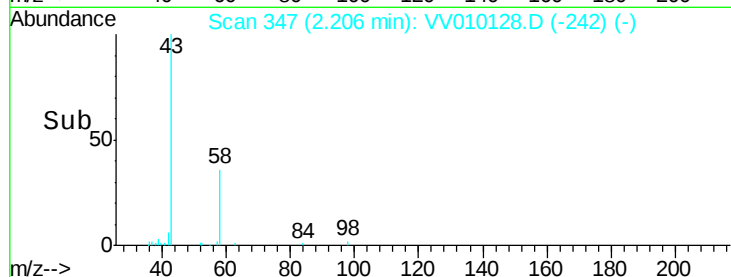
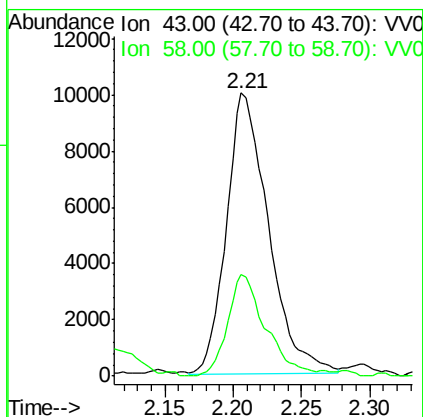
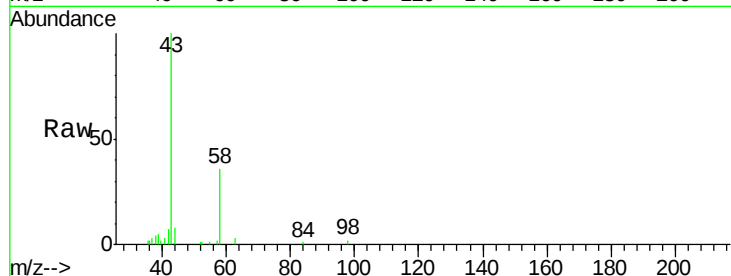
58 32.5 0.0 64.6

Manual Integrations

APPROVED

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4/8/2019 3:29:36 AM



#16

Methylene chloride

Concen: 2.607 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010128.D

Acq: 05 Apr 2019 13:10

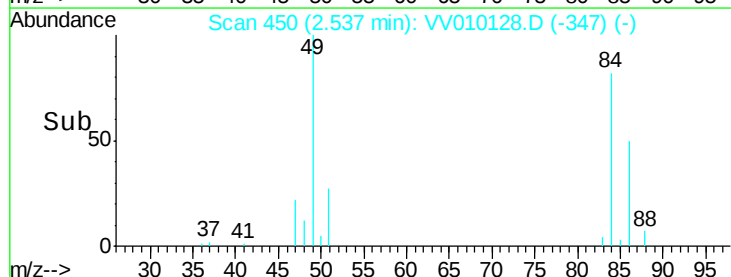
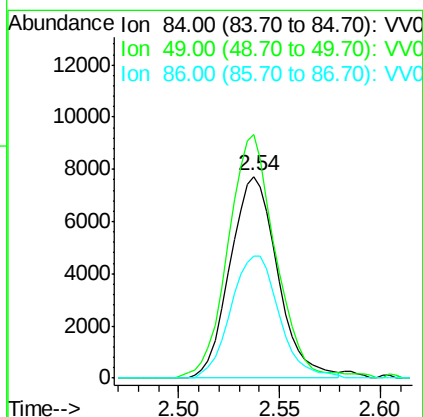
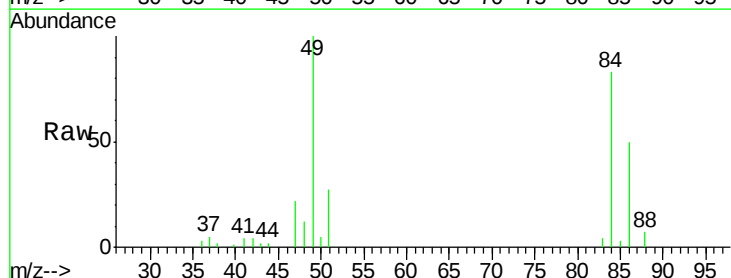
Tgt Ion: 84 Resp: 12747

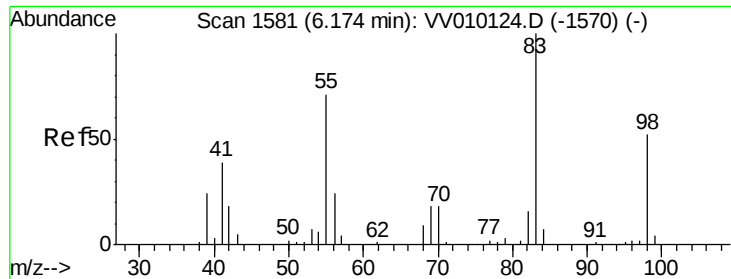
Ion Ratio Lower Upper

84 100

49 120.6 84.3 156.5

86 60.5 45.4 84.2





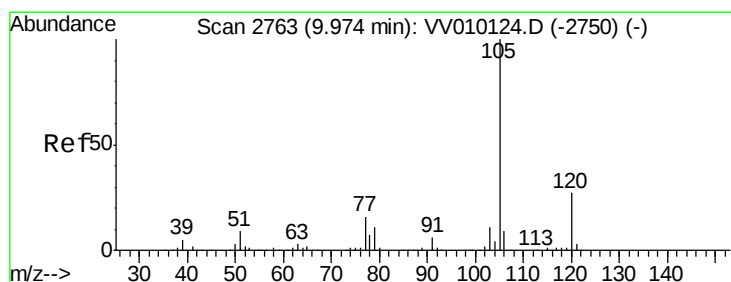
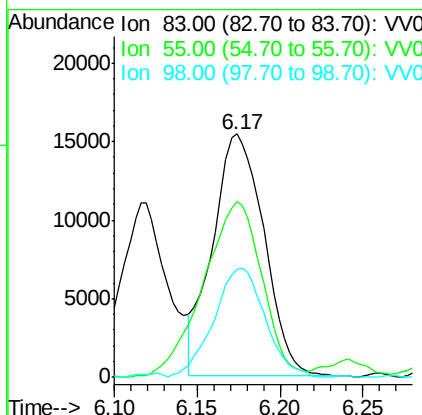
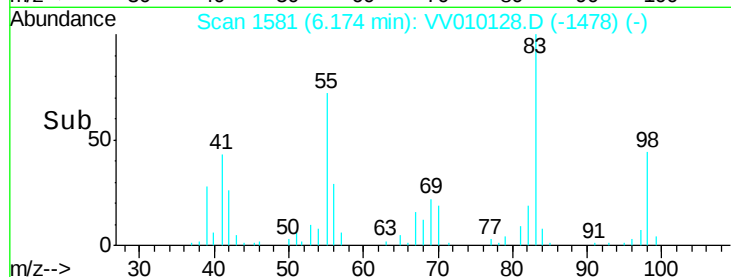
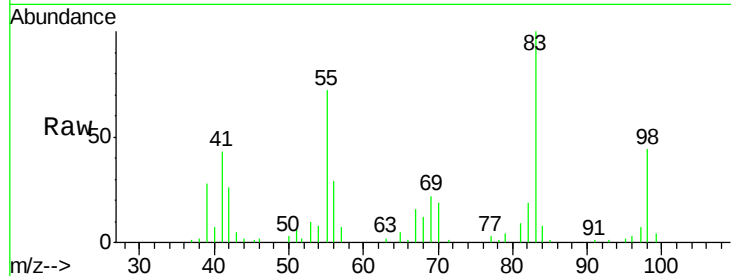
#36
Methvlcvclohexane
Concen: 5.737 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV010128.D
Acq: 05 Apr 2019 13:10

Instrument :
MSVOA_V
ClientSampled :
BF5J3

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	56.3	84.5
98	45.2	39.0	58.6

Manual Integrations
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#57
Isopropylbenzene
Concen: 6.751 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV010128.D
Acq: 05 Apr 2019 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.5	32.3
77	26.4	12.4	18.6

