

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009055.D
 Acq On : 19 Dec 2018 17:07
 Operator : SY/MD
 Sample : J6468-03
 Misc : 6.55G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG1

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 1:25:30 PM

Quant Time: Dec 20 03:19:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116833	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108732	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	15433	12.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.08%
7) Chloroethane-d5	1.58	69	26049	29.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.64%
10) 1,1-Dichloroethene-d2	2.13	63	38249	12.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.60%
20) 2-Butanone-d5	3.94	46	32203	73.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.32%#
24) Chloroform-d	4.40	84	85315	30.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.52%
26) 1,2-Dichloroethane-d4	5.08	65	59923	39.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.40%#
29) Benzene-d6	5.10	84	153781	25.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.28%
33) 1,2-Dichloropropane-d6	6.12	67	58365	34.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.32%#
37) Toluene-d8	7.36	98	129546	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.66	79	18143	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.16%
39) 2-Hexanone-d5	8.14	63	17935	57.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50222	35.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.84%#
61) 1,2-Dichlorobenzene-d4	11.68	152	39438	28.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.64%

Target Compounds					Qvalue
13) Acetone	2.19	43	10607	16.355 ug/L	96
16) Methylene chloride	2.53	84	5012	2.548 ug/L #	82
30) Cyclohexane	4.72	56	3893	1.422 ug/L #	79
36) Methylcyclohexane	6.17	83	15309m	4.888 ug/L	

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

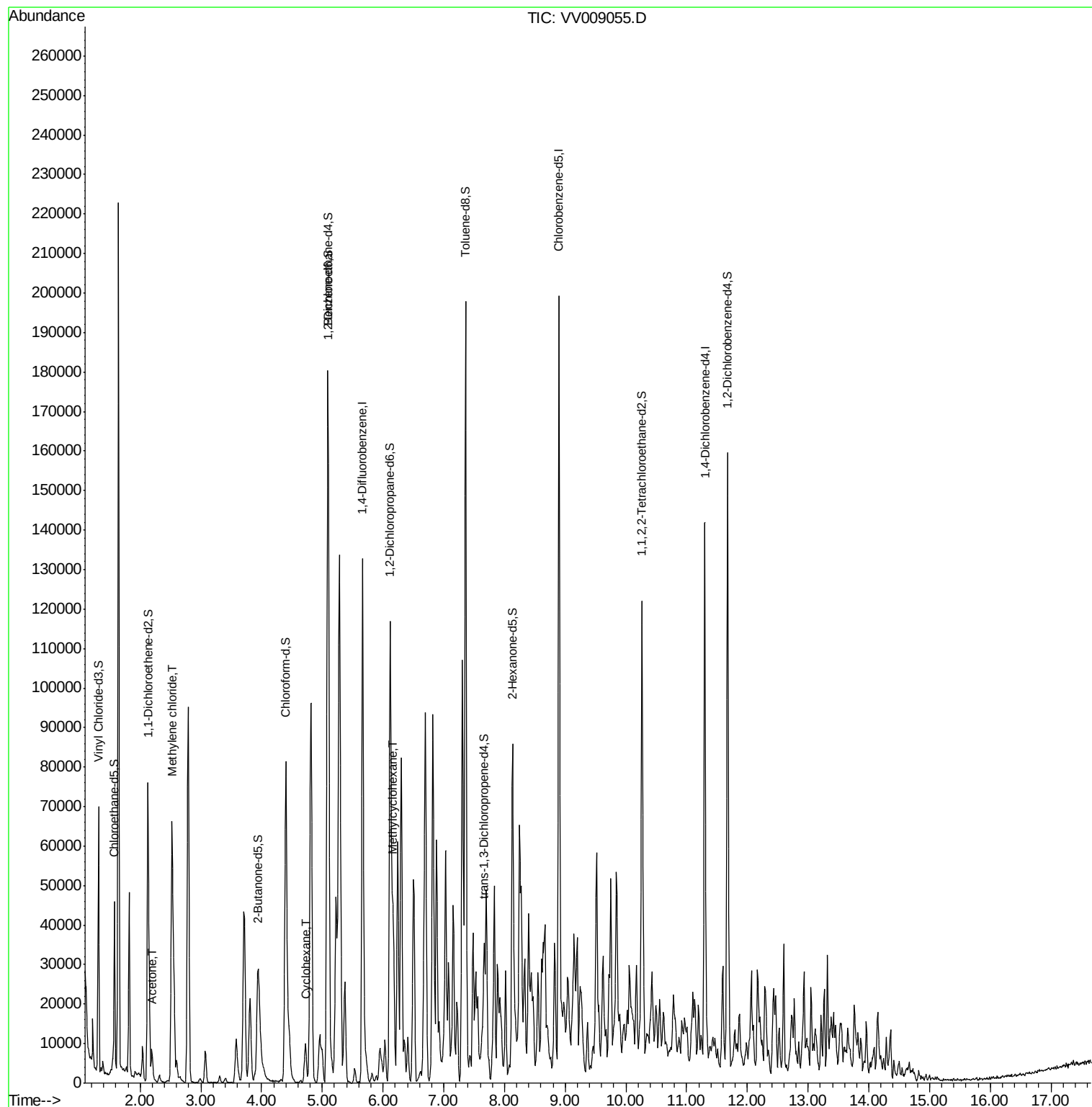
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
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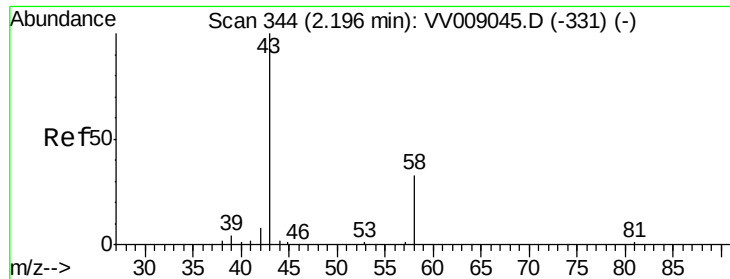
Instrument :
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Quant Time: Dec 20 03:19:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 16.355 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV009055.D

Acq: 19 Dec 2018 17:07

Instrument :

MSVOA_V

ClientSampleId :

C0JG1

Tgt Ion: 43 Resp: 10607

Ion Ratio Lower Upper

43 100

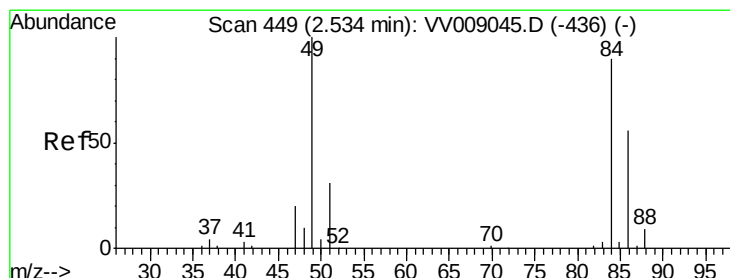
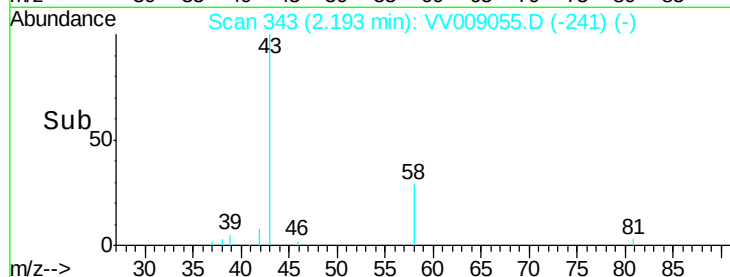
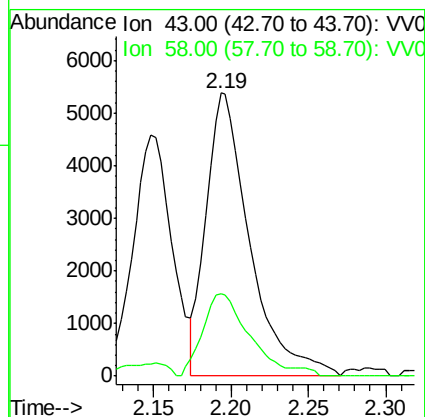
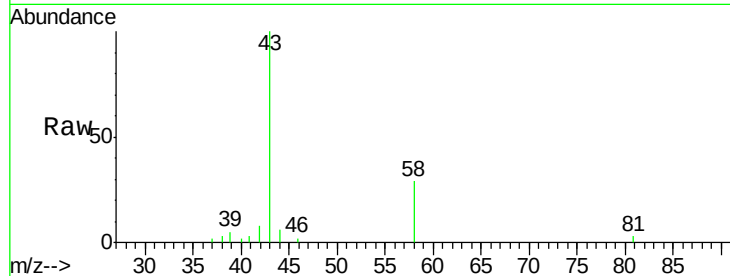
58 30.5 0.0 65.4

Manual Integrations

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12/20/2018 1:25:30 PM



#16

Methylene chloride

Concen: 2.548 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009055.D

Acq: 19 Dec 2018 17:07

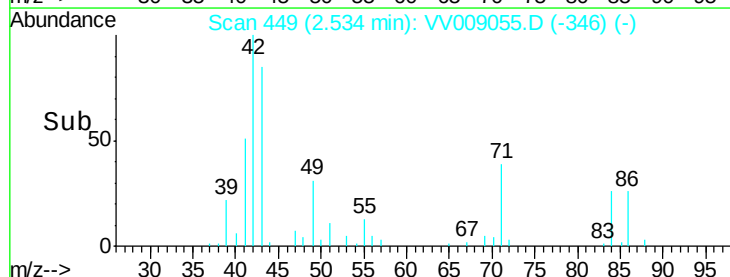
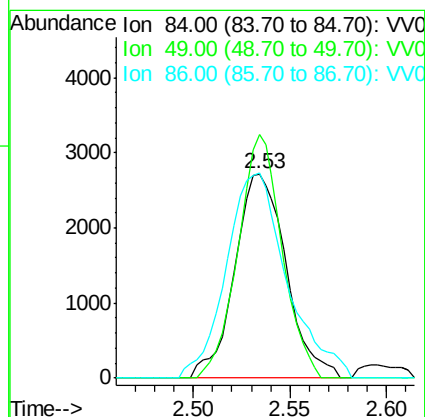
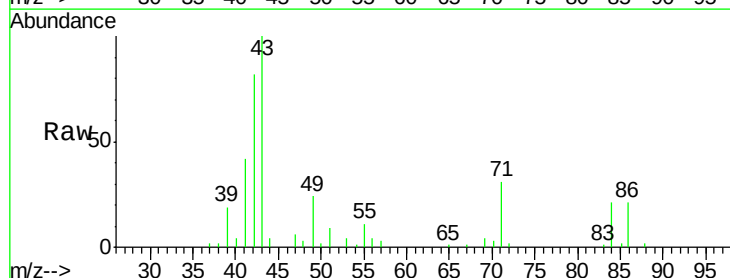
Tgt Ion: 84 Resp: 5012

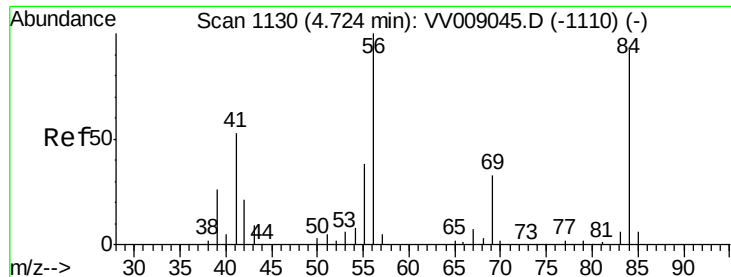
Ion Ratio Lower Upper

84 100

49 119.1 80.5 149.5

86 100.1 45.5 84.5#





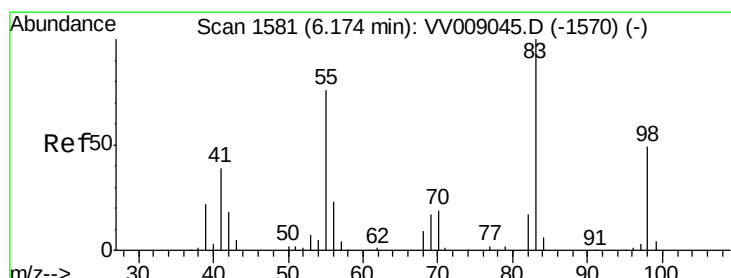
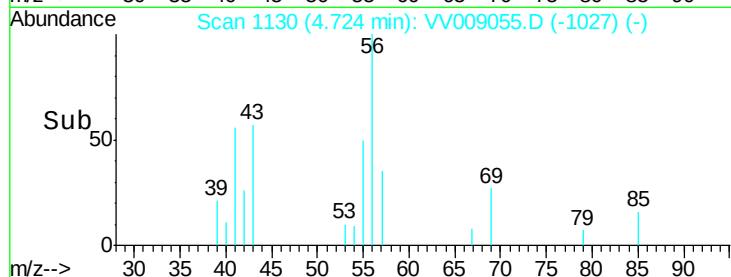
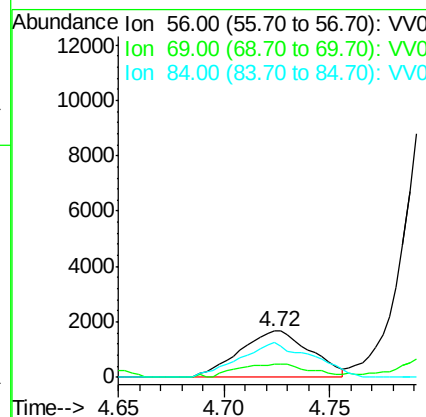
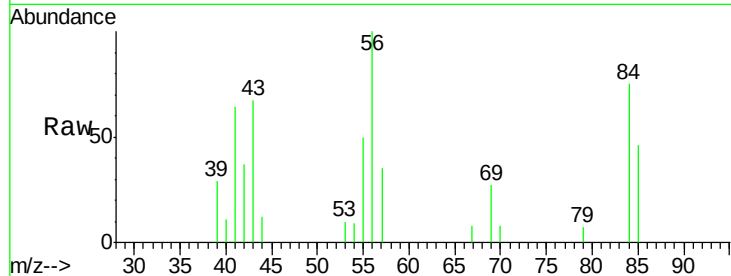
#30
Cyclohexane
Concen: 1.422 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
56	100		
69	11.4	25.8	38.8#
84	76.7	73.0	109.6

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#36
Methylcyclohexane
Concen: 4.888 ug/L m
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV009055.D
Acq: 19 Dec 2018 17:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	118.6	58.2	87.2#
98	38.3	37.8	56.8

