

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010238.D
 Acq On : 11 Apr 2019 12:44
 Operator : SY/MD
 Sample : K2278-07
 Misc : 5.42G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6X4

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:29:36 AM

Quant Time: Apr 12 07:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	305364	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	166429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56492	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
7) Chloroethane-d5	1.57	69	60173	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
10) 1,1-Dichloroethene-d2	2.13	63	121816	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	3.93	46	36591	41.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.26%
24) Chloroform-d	4.40	84	144158	20.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	5.08	65	83318	20.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.92%
29) Benzene-d6	5.10	84	296027	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	6.12	67	88686	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.32%
37) Toluene-d8	7.36	98	299513	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	7.66	79	34519	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.72%
39) 2-Hexanone-d5	8.13	63	28227	38.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	155240m	41.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.44%#
61) 1,2-Dichlorobenzene-d4	11.67	152	158434	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds					Qvalue
13) Acetone	2.19	43	7322	7.704 ug/L	94
16) Methylene chloride	2.54	84	11077	1.852 ug/L	89
36) Methylcyclohexane	6.18	83	151112	23.536 ug/L	97
57) Isopropylbenzene	9.97	105	83712	4.548 ug/L	96

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

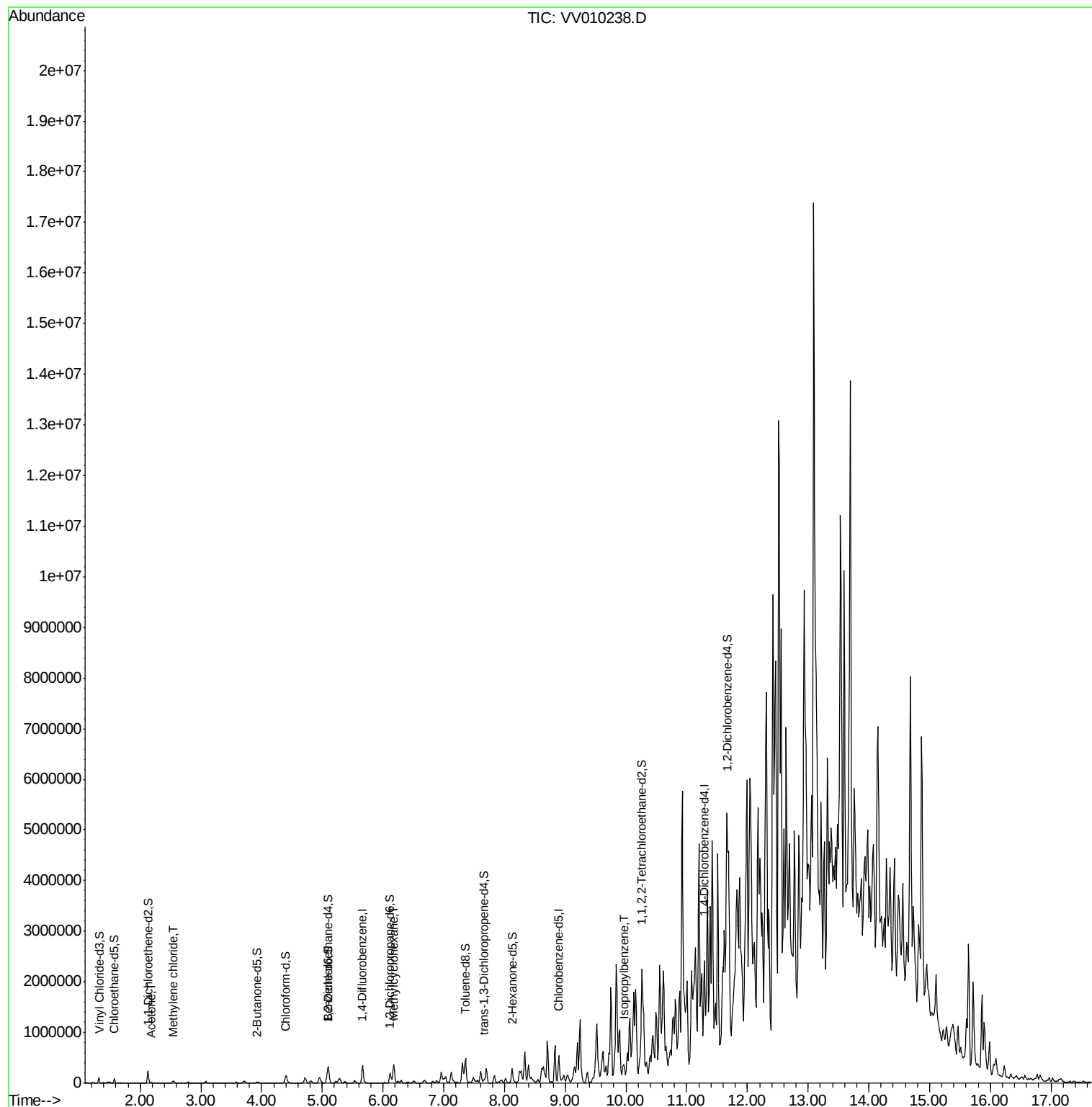
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010238.D
Acq On : 11 Apr 2019 12:44
Operator : SY/MD
Sample : K2278-07
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

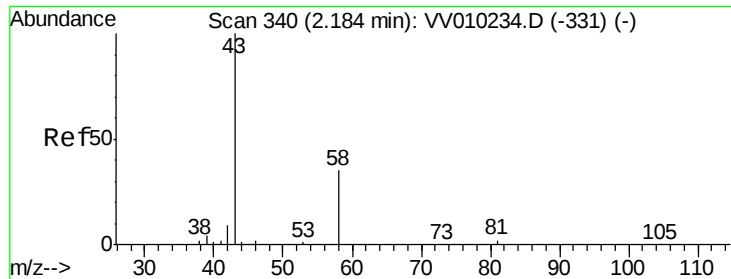
Instrument :
MSVOA_V
ClientSampleId :
DB6X4

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:29:36 AM

Quant Time: Apr 12 07:21:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





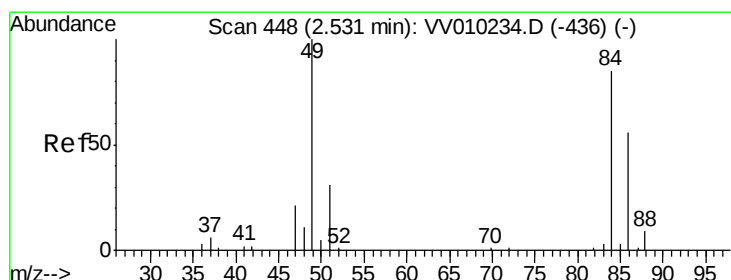
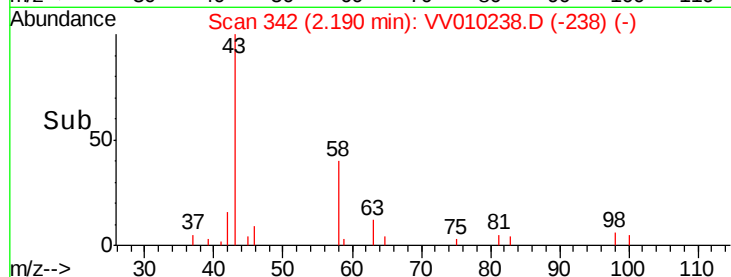
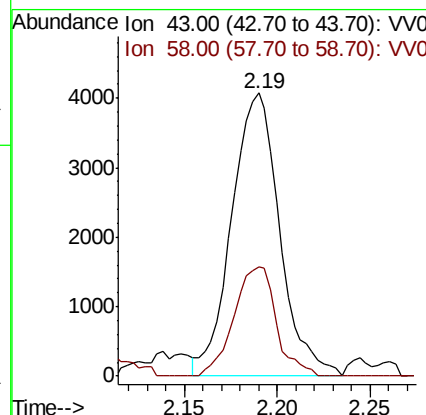
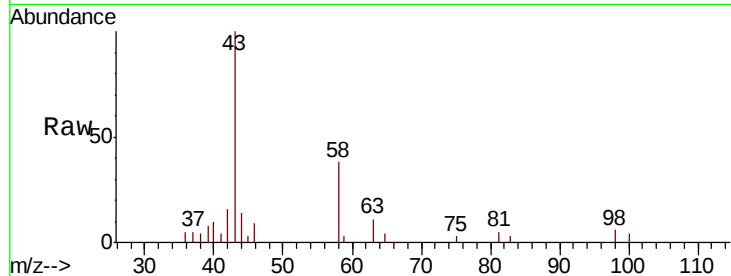
#13
Acetone
Concen: 7.704 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010238.D
Acq: 11 Apr 2019 12:44

Instrument :
MSVOA_V
ClientSampleId :
DB6X4

Tgt Ion: 43 Resp: 7322
Ion Ratio Lower Upper
43 100
58 34.0 0.0 61.6

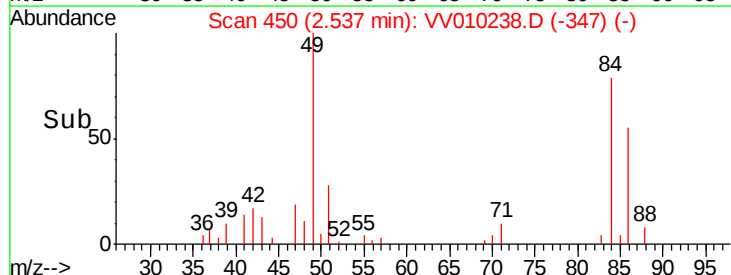
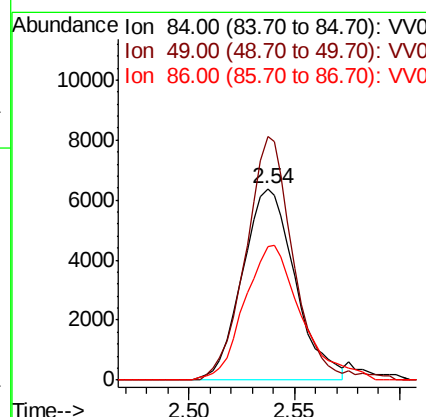
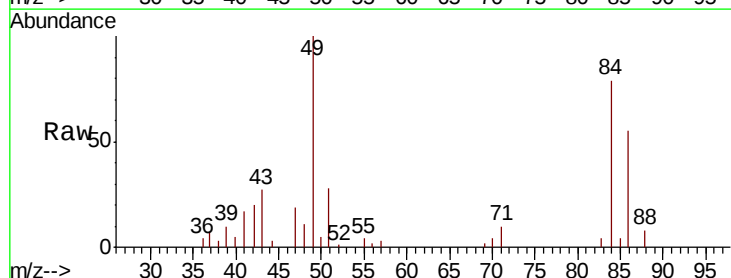
Manual Integrations
APPROVED

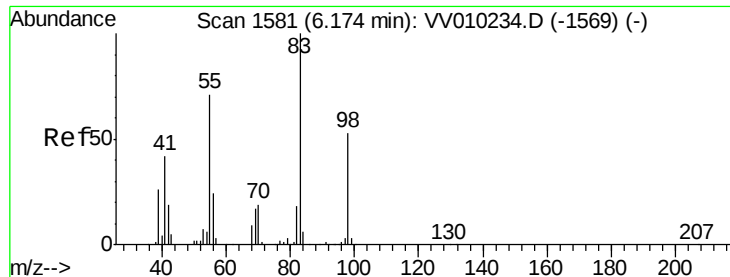
MMDadoda
4/15/2019 12:29:36 AM



#16
Methylene chloride
Concen: 1.852 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010238.D
Acq: 11 Apr 2019 12:44

Tgt Ion: 84 Resp: 11077
Ion Ratio Lower Upper
84 100
49 127.3 79.9 148.5
86 69.6 44.5 82.7





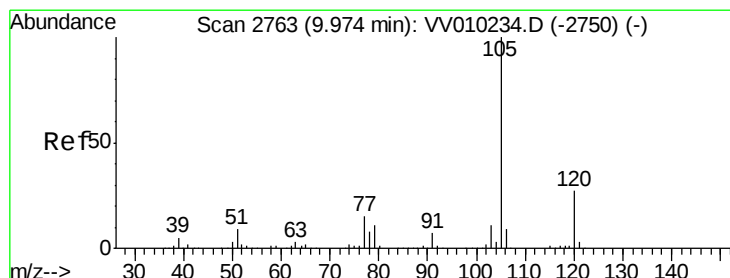
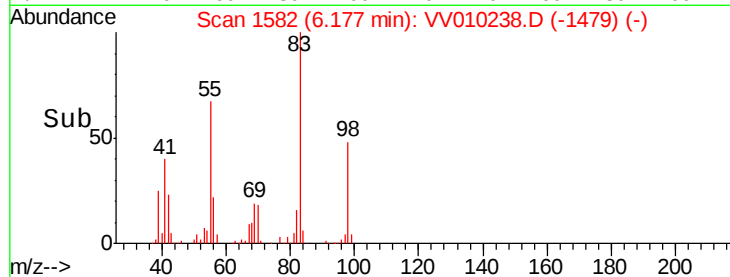
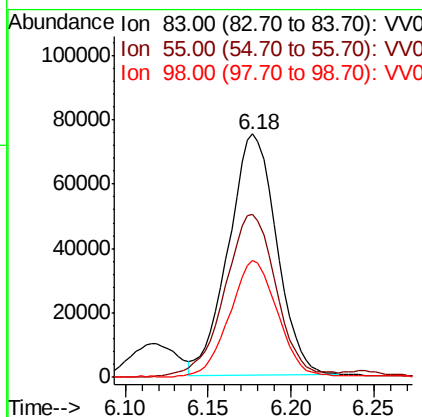
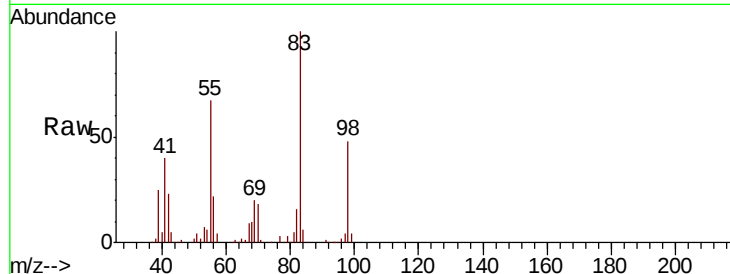
#36
Methylcyclohexane
Concen: 23.536 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV010238.D
Acq: 11 Apr 2019 12:44

Instrument :
MSVOA_V
ClientSampled :
DB6X4

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	151112		
55	73.2		55.7	83.5
98	48.0		39.4	59.2

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:29:36 AM



#57
Isopropylbenzene
Concen: 4.548 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010238.D
Acq: 11 Apr 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	83712		
120	29.5		22.2	33.2
77	17.0		12.2	18.4

