

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053019\
 Data File : VV011160.D
 Acq On : 31 May 2019 04:16
 Operator : SY/MD
 Sample : K3017-07RE
 Misc : 4.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E0RE

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 9:40:23 AM

Quant Time: May 31 08:34:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 08:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	369558	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	288153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	101393	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
7) Chloroethane-d5	1.56	69	86213	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
10) 1,1-Dichloroethene-d2	2.11	63	162438	15.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.32%
20) 2-Butanone-d5	3.93	46	79133	43.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.60%
24) Chloroform-d	4.39	84	218815m	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.07	65	136997	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.08%
29) Benzene-d6	5.09	84	442807	28.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.16%
33) 1,2-Dichloropropane-d6	6.11	67	143237	28.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.28%
37) Toluene-d8	7.35	98	367918	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloropropene-	7.66	79	52242	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	8.13	63	56687	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	93304	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	60697	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds					Ovalue
13) Acetone	2.18	43	169795	79.865 ug/L	99
15) Methyl Acetate	2.45	43	84075	26.281 ug/L	96
21) 2-Butanone	4.02	43	14449	5.793 ug/L	77
44) Toluene	7.43	91	15540	0.833 ug/L	95

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

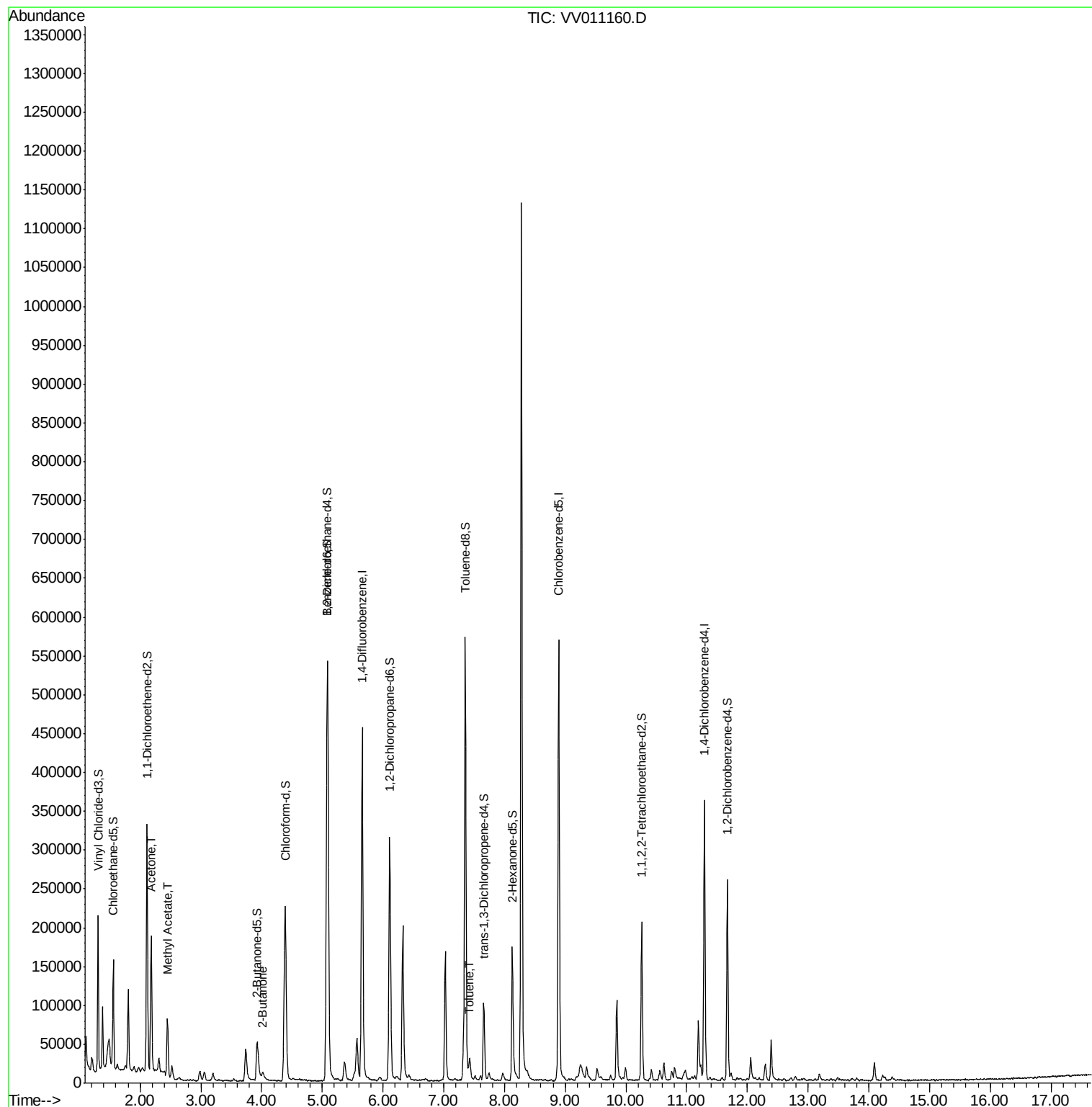
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053019\
Data File : VV011160.D
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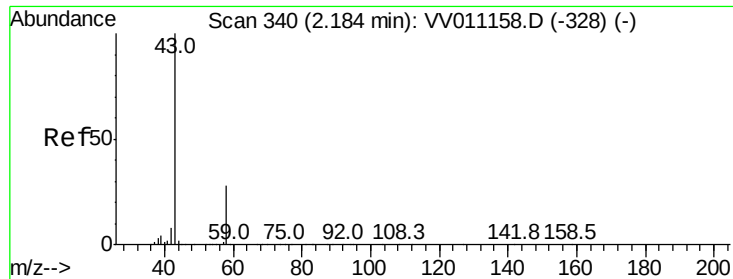
Instrument :
MSVOA_V
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Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 79.865 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV011160.D

Acq: 31 May 2019 04:16

Instrument :

MSVOA_V

ClientSampleId :

A51E0RE

Tot Ion: 43 Resp: 169795

Ion Ratio Lower Upper

43 100

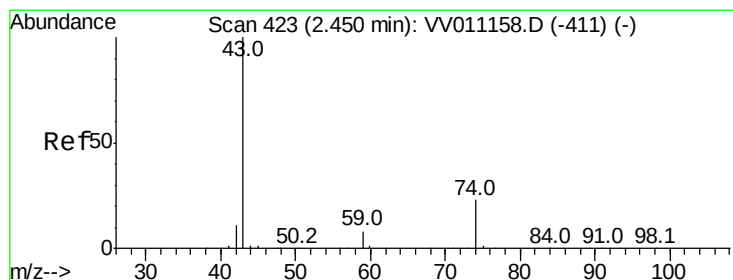
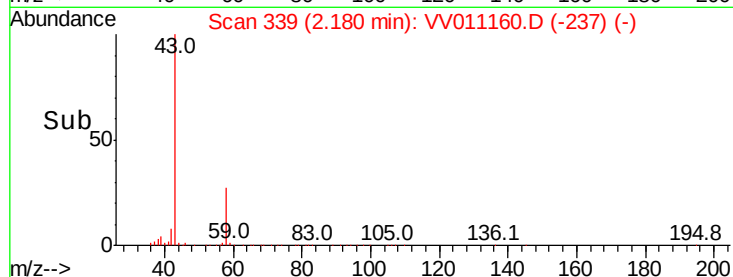
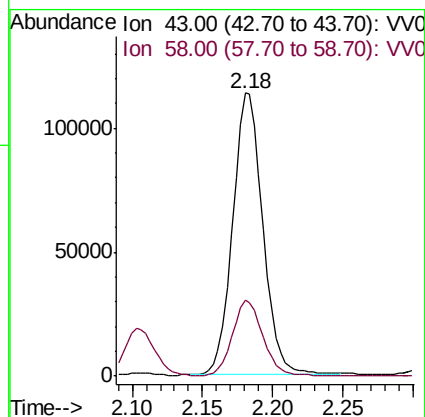
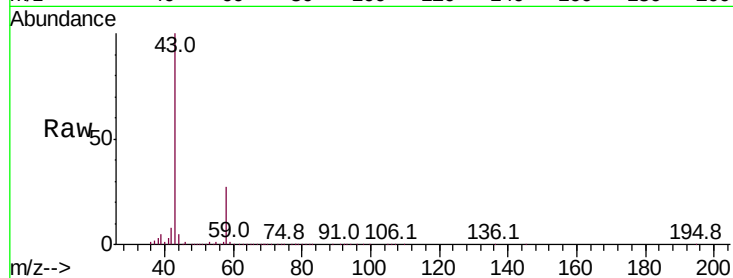
58 26.6 0.0 53.8

Manual Integrations

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6/11/2019 9:40:23 AM



#15

Methyl Acetate

Concen: 26.281 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV011160.D

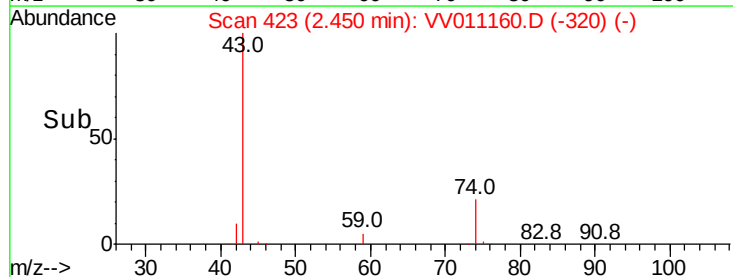
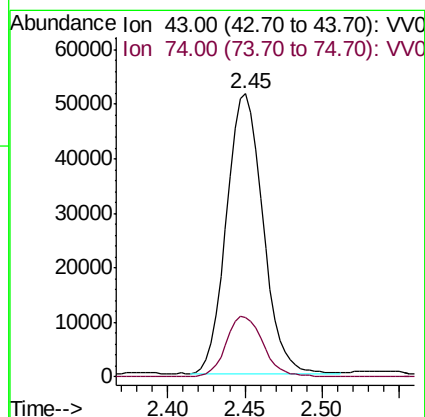
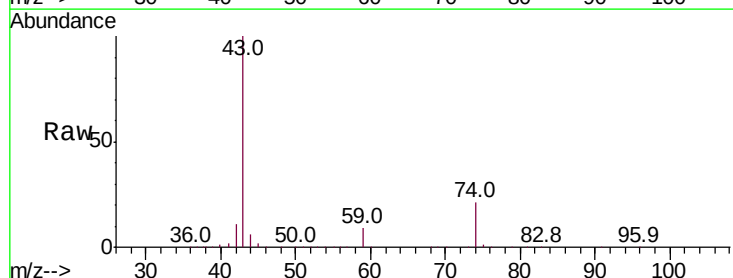
Acq: 31 May 2019 04:16

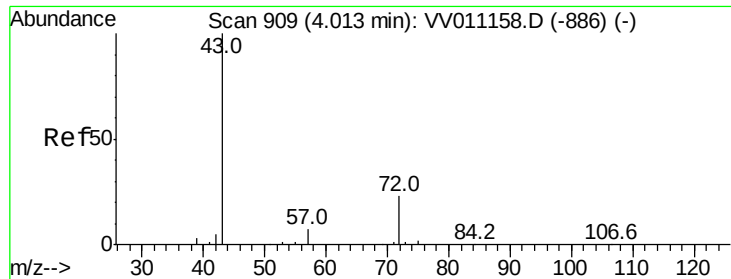
Tgt Ion: 43 Resp: 84075

Ion Ratio Lower Upper

43 100

74 22.3 16.2 24.4





#21

2-Butanone

Concen: 5.793 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VV011160.D

Acq: 31 May 2019 04:16

Instrument :

MSVOA_V

ClientSampleId :

A51E0RE

Tot Ion: 43 Resp: 14449

Ion Ratio Lower Upper

43 100

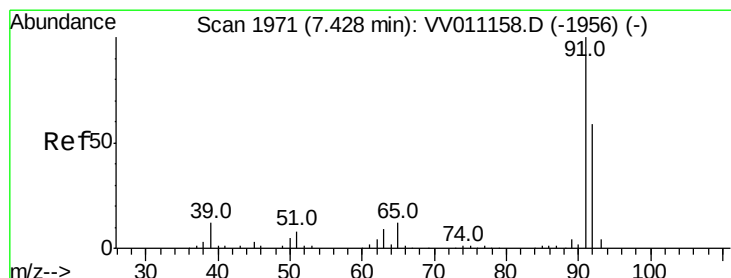
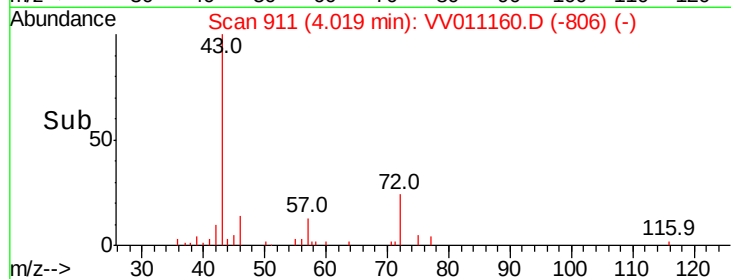
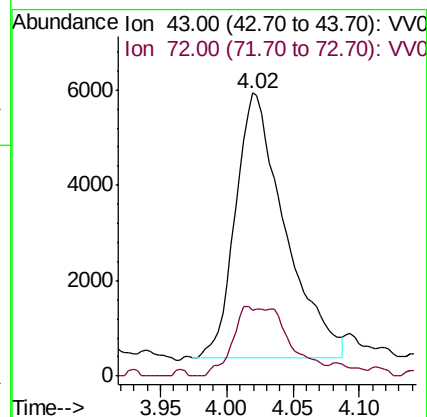
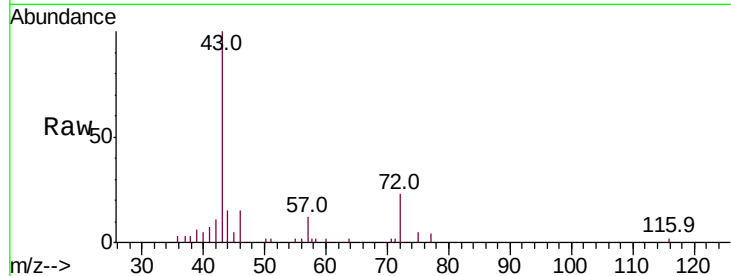
72 11.2 11.1 33.3

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#44

Toluene

Concen: 0.833 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV011160.D

Acq: 31 May 2019 04:16

Tgt Ion: 91 Resp: 15540

Ion Ratio Lower Upper

91 100

92 60.4 39.9 74.1

