

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010799.D
 Acq On : 10 May 2019 07:00
 Operator : SY/MD
 Sample : K2788-03
 Misc : 5.62G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5191

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:45:29 AM

Quant Time: May 10 09:14:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 07:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92690	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	84704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27589	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26837	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
7) Chloroethane-d5	1.56	69	27485	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	2.12	63	46768m	14.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.88%
20) 2-Butanone-d5	3.92	46	24447	56.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.16%
24) Chloroform-d	4.39	84	68722	27.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.76%
26) 1,2-Dichloroethane-d4	5.07	65	43989	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.48%
29) Benzene-d6	5.09	84	122697	27.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.08%
33) 1,2-Dichloropropane-d6	6.11	67	42504	29.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.68%
37) Toluene-d8	7.36	98	98541	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	7.66	79	15335	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
39) 2-Hexanone-d5	8.13	63	17036	57.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36027	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	28450	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

					Ovalue
13) Acetone	2.18	43	9489	14.185 ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	6530	4.334 ug/L	97
34) Benzene	5.14	78	2645	0.532 ug/L	100
35) Trichloroethene	5.96	95	22694	16.293 ug/L	97

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

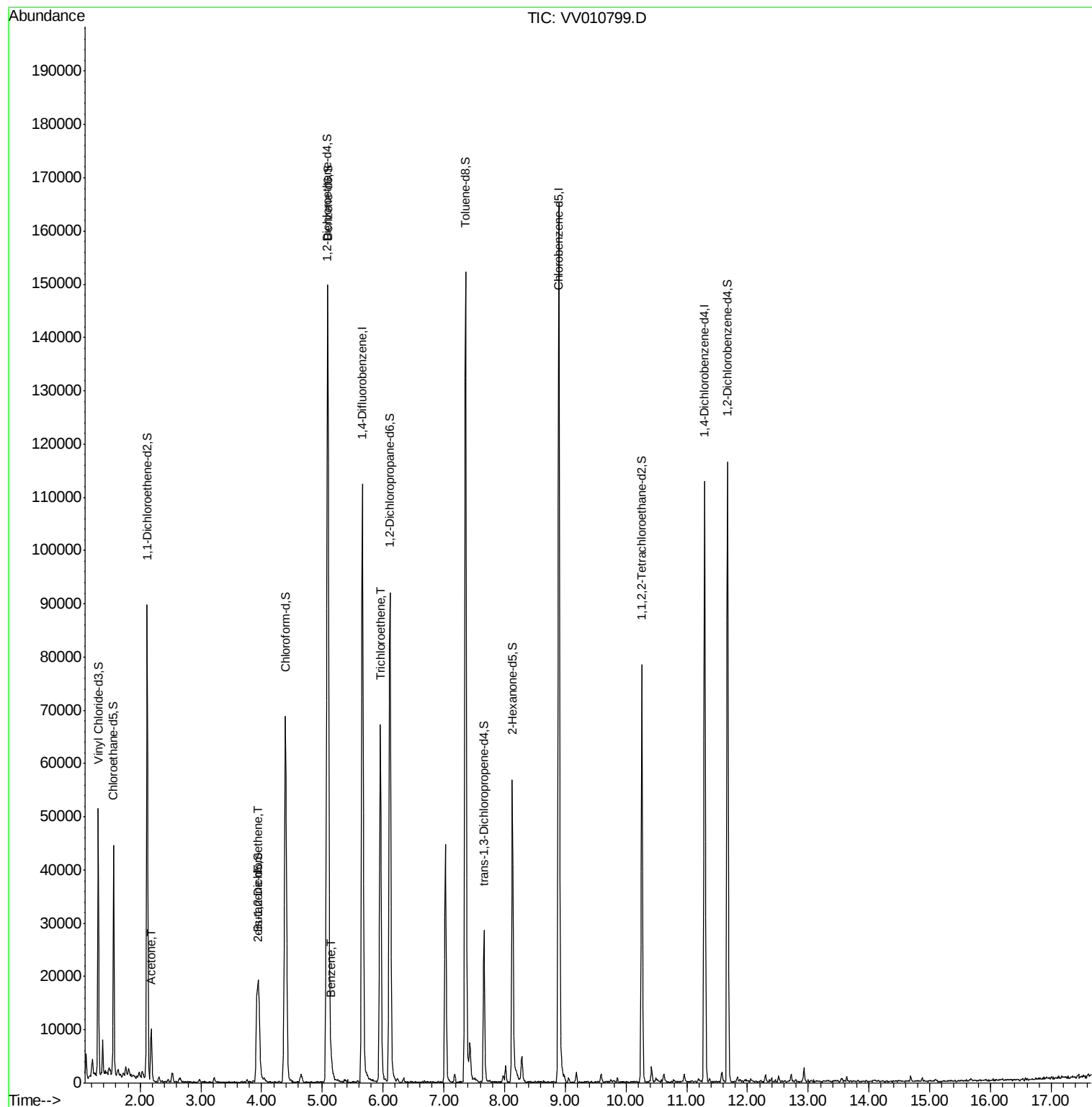
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010799.D
Acq On : 10 May 2019 07:00
Operator : SY/MD
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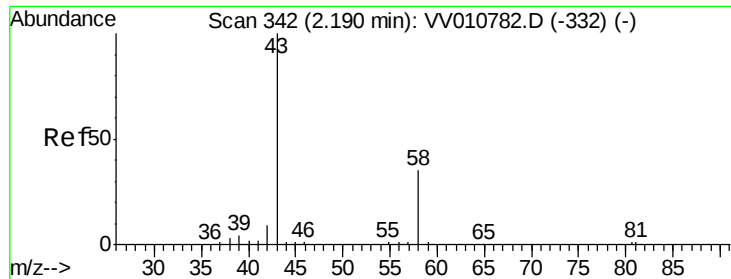
Instrument :
MSVOA_V
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.185 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010799.D

Acq: 10 May 2019 07:00

Instrument :

MSVOA_V

ClientSampleId :

A5191

Tot Ion: 43 Resp: 9489

Ion Ratio Lower Upper

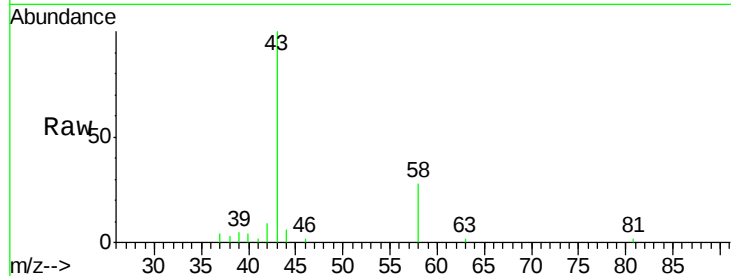
43 100

58 28.5 0.0 63.4

Manual Integrations
APPROVED

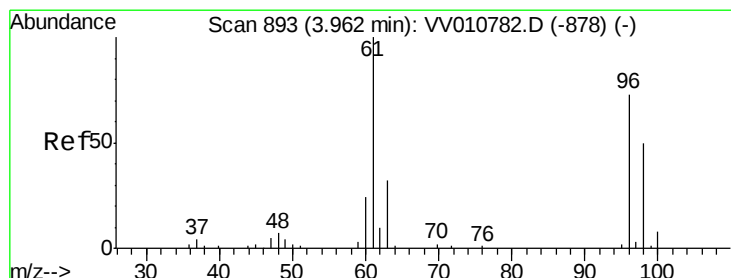
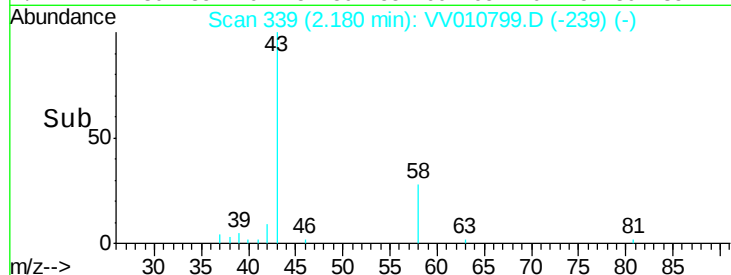
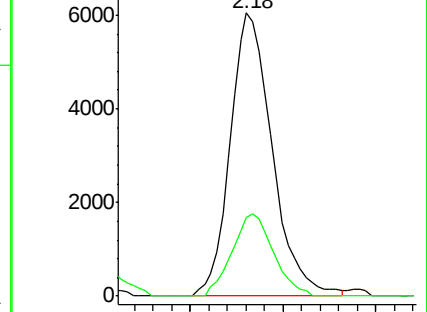
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5/13/2019 3:45:29 AM



Abundance Ion 43.00 (42.70 to 43.70): VV010782.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010782.D (-332) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.334 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.01 min

Lab File: VV010799.D

Acq: 10 May 2019 07:00

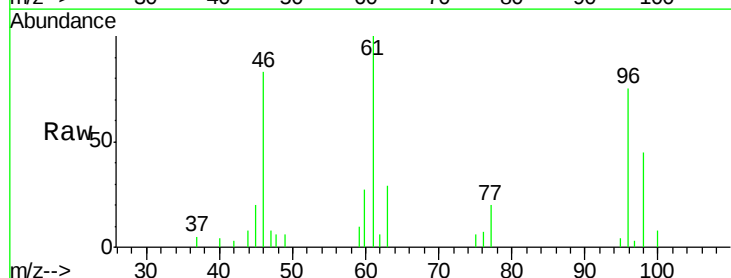
Tgt Ion: 96 Resp: 6530

Ion Ratio Lower Upper

96 100

61 134.2 93.9 174.5

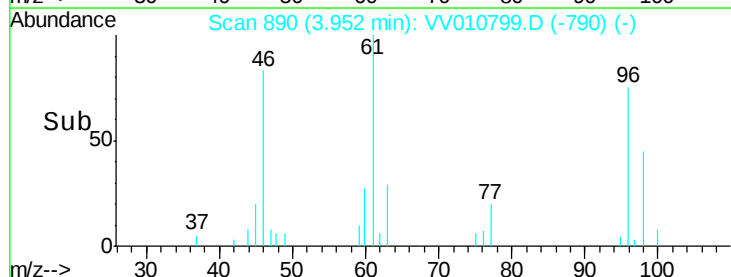
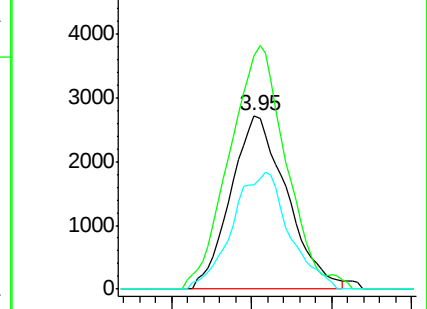
98 60.1 46.5 86.5

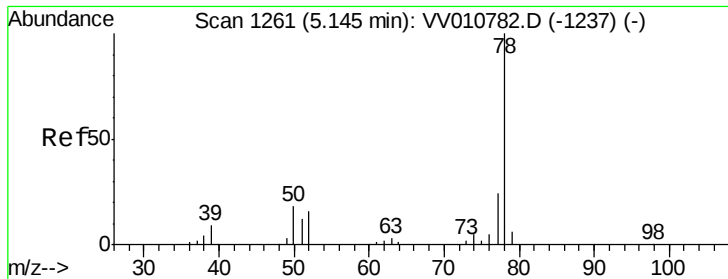


Abundance Ion 96.00 (95.70 to 96.70): VV010782.D (-878) (-)

Ion 61.00 (60.70 to 61.70): VV010782.D (-878) (-)

Ion 98.00 (97.70 to 98.70): VV010782.D (-878) (-)





#34

Benzene

Concen: 0.532 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV010799.D

Acq: 10 May 2019 07:00

Instrument :

MSVOA_V

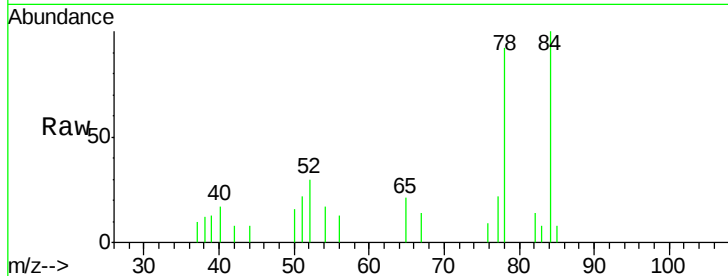
ClientSampled :

A5191

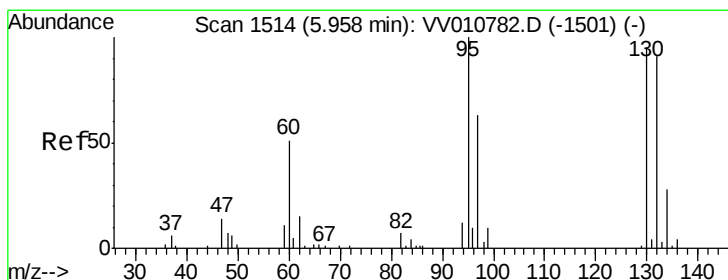
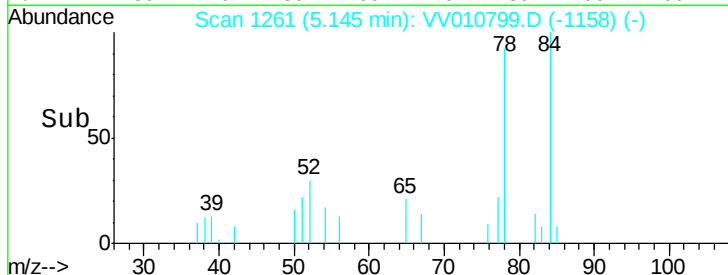
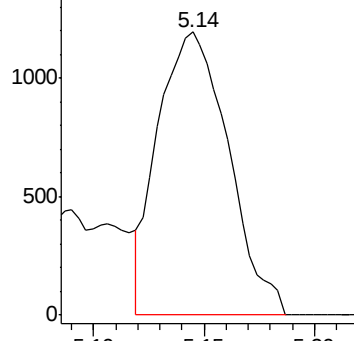
Tgt Ion: 78 Resp: 2645

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 16.293 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010799.D

Acq: 10 May 2019 07:00

Tgt Ion: 95 Resp: 22694

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.3	82.3
132	93.1	62.4	115.8
130	94.7	68.5	127.3

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

