

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010650.D
 Acq On : 03 May 2019 07:05
 Operator : SY/MD
 Sample : K2604-18
 Misc : 5.06G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ89

Quant Time: May 03 08:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 03:59:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172360	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26443	12.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.48%
7) Chloroethane-d5	1.56	69	23906	15.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.60%
10) 1,1-Dichloroethene-d2	2.12	63	51362	13.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.68%
20) 2-Butanone-d5	3.93	46	25880	38.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.96%
24) Chloroform-d	4.39	84	100985	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.07	65	61261	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.04%
29) Benzene-d6	5.09	84	206601	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	6.11	67	70456	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.48%
37) Toluene-d8	7.36	98	184125	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	7.66	79	23416	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	8.13	63	19737	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49533	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	50641	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

Target Compounds

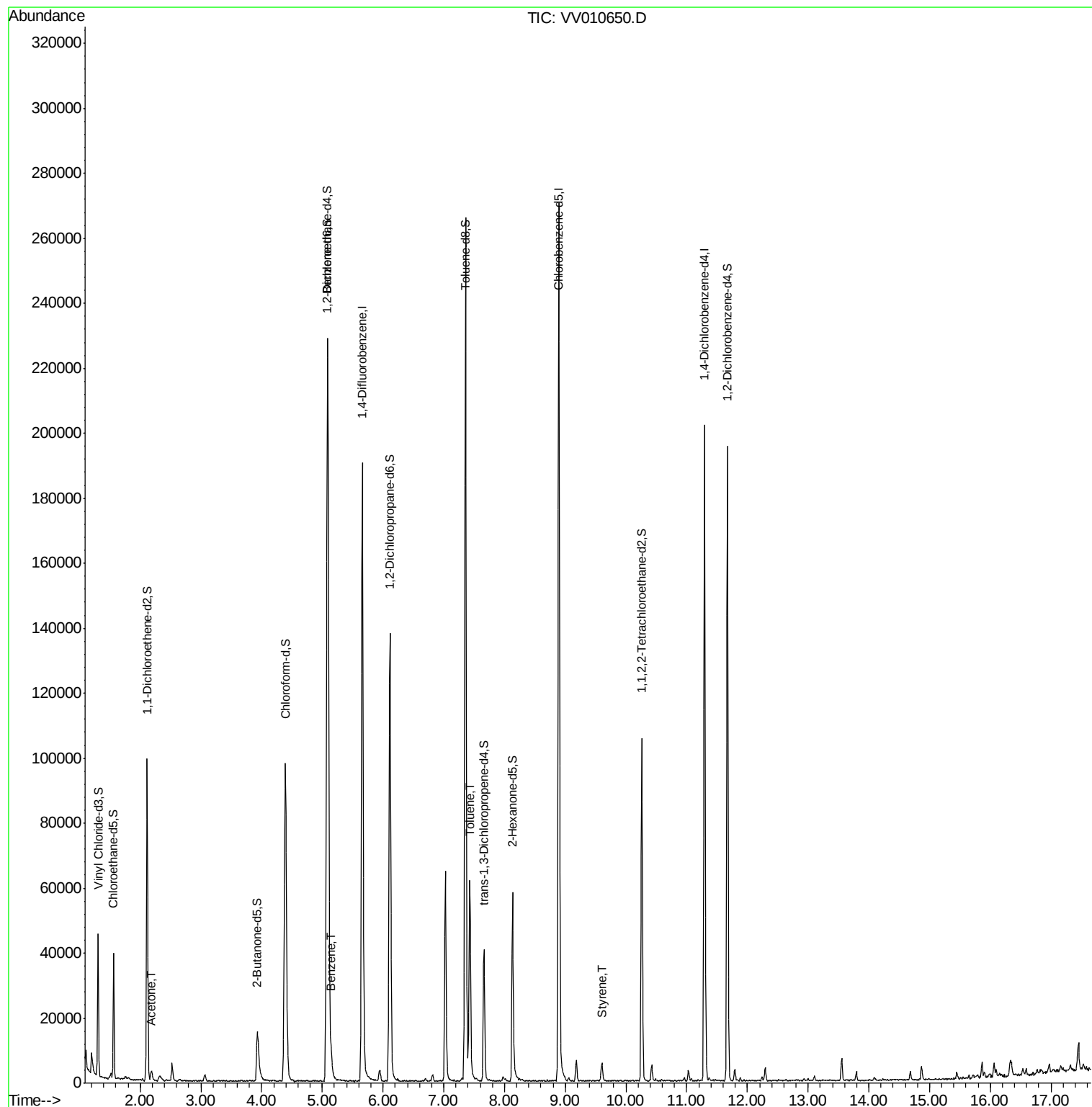
					Ovalue
13) Acetone	2.19	43	3100	5.446 ug/L	83
34) Benzene	5.14	78	6813	0.903 ug/L	100
44) Toluene	7.43	91	46028	5.529 ug/L	98
56) Styrene	9.61	104	3077	0.520 ug/L	93

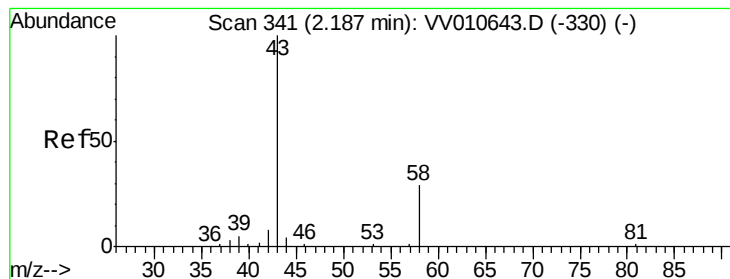
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\
Data File : VV010650.D
Acq On : 03 May 2019 07:05
Operator : SY/MD
Sample : K2604-18
Misc : 5.06G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ89

Quant Time: May 03 08:01:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.446 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010650.D

Acq: 03 May 2019 07:05

Instrument :

MSVOA_V

ClientSampleId :

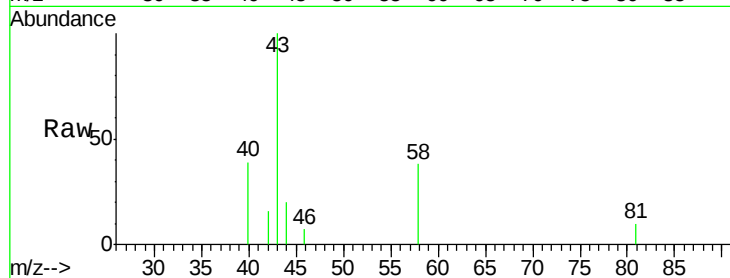
GAJ89

Tot Ion: 43 Resp: 3100

Ion Ratio Lower Upper

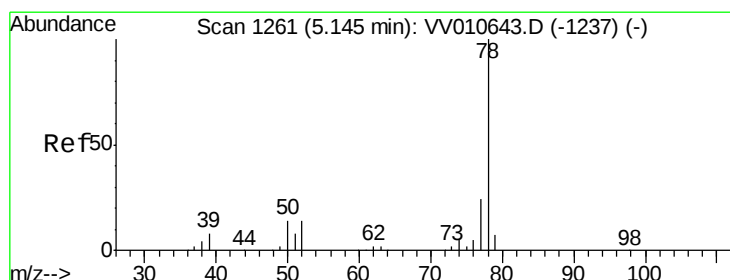
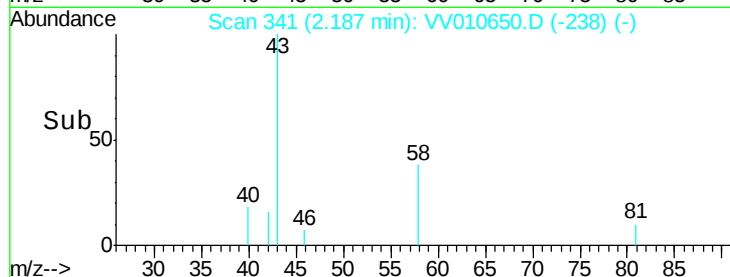
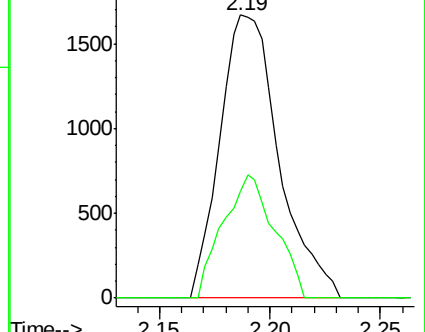
43 100

58 37.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010643.D (-330) (-)



#34

Benzene

Concen: 0.903 ug/L

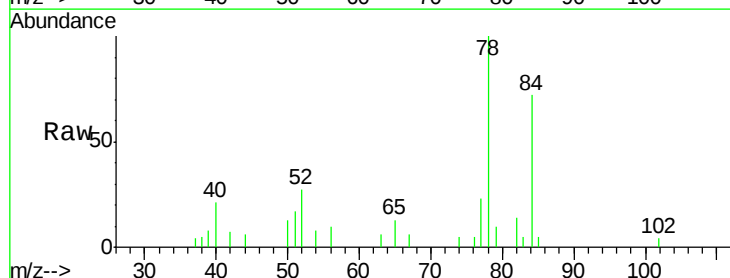
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

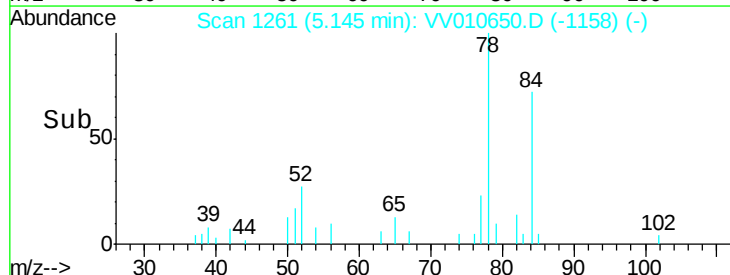
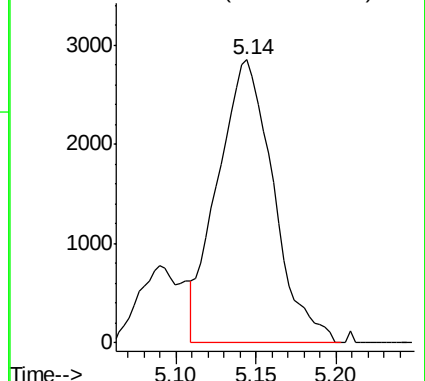
Lab File: VV010650.D

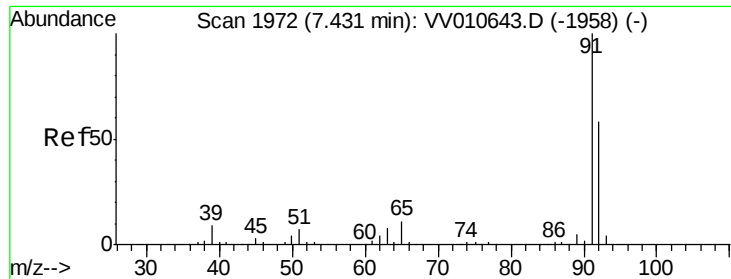
Acq: 03 May 2019 07:05

Tgt Ion: 78 Resp: 6813



Abundance Ion 78.00 (77.70 to 78.70): VV010643.D (-1237) (-)





#44

Toluene

Concen: 5.529 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV010650.D

Acq: 03 May 2019 07:05

Instrument :

MSVOA_V

ClientSampleId :

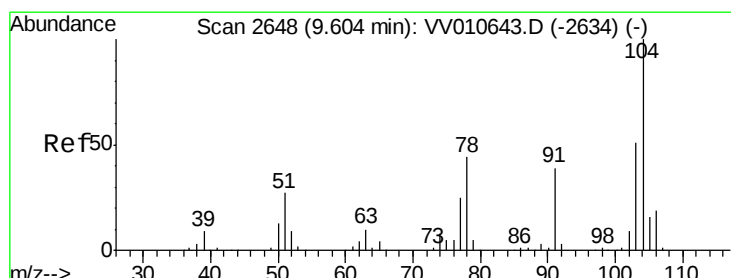
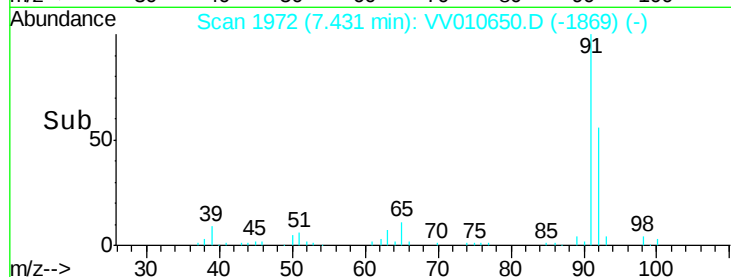
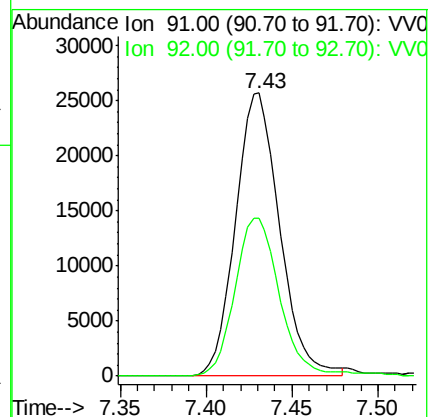
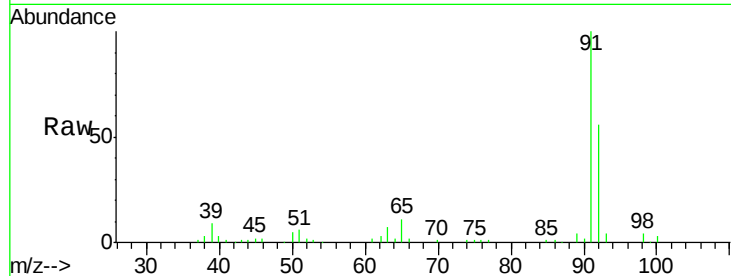
GAJ89

Tot Ion: 91 Resp: 46028

Ion Ratio Lower Upper

91 100

92 55.6 40.1 74.5



#56

Styrene

Concen: 0.520 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010650.D

Acq: 03 May 2019 07:05

Tgt Ion: 104 Resp: 3077

Ion Ratio Lower Upper

104 100

78 38.9 30.4 56.5

