

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010645.D
 Acq On : 03 May 2019 03:23
 Operator : SY/MD
 Sample : K2603-18
 Misc : 5.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ70

Quant Time: May 03 04:09:03 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	19751	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	19754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	7215	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3144	12.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.28%
7) Chloroethane-d5	1.58	69	3440	19.65	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
10) 1,1-Dichloroethene-d2	2.12	63	5660	12.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	3.94	46	4593	60.37	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.74%
24) Chloroform-d	4.40	84	14852	29.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.44%
26) 1,2-Dichloroethane-d4	5.08	65	9802	33.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.12%#
29) Benzene-d6	5.10	84	26113	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	6.12	67	10007	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.64%#
37) Toluene-d8	7.36	98	22395	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloropropene-	7.66	79	3354	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.52%
39) 2-Hexanone-d5	8.14	63	2311	41.39	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	8667	30.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	8058	29.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.08%

Target Compounds

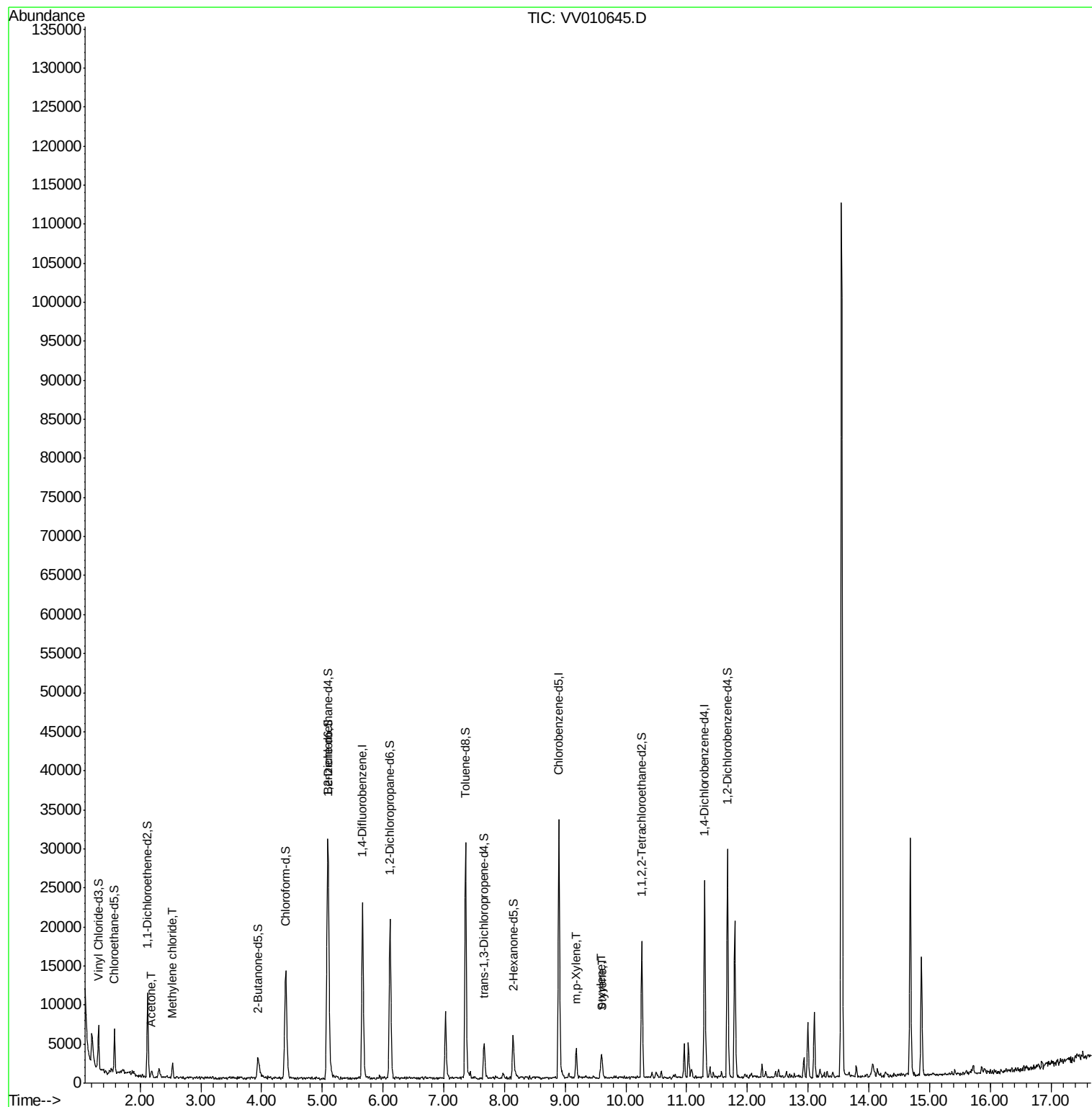
					Ovalue
13) Acetone	2.19	43	1075	16.482	ug/L 57
16) Methylene chloride	2.53	84	773	2.806	ug/L 81
54) m,p-Xylene	9.18	106	1229	2.752	ug/L 97
55) o-xylene	9.59	106	710	1.627	ug/L 92
56) Styrene	9.61	104	1326	1.791	ug/L 94

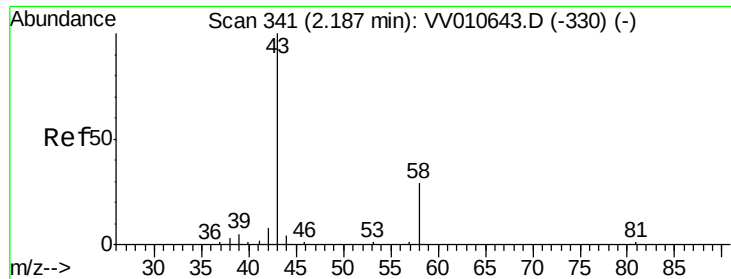
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 16.482 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010645.D

Acq: 03 May 2019 03:23

Instrument :

MSVOA_V

ClientSampleId :

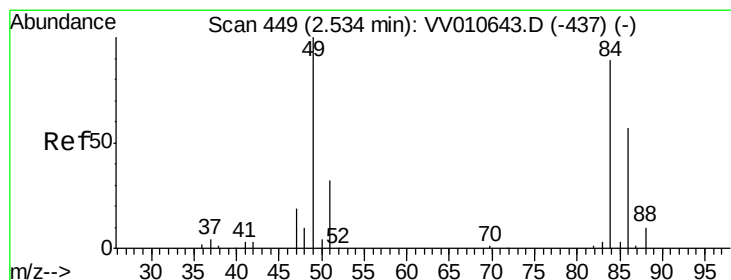
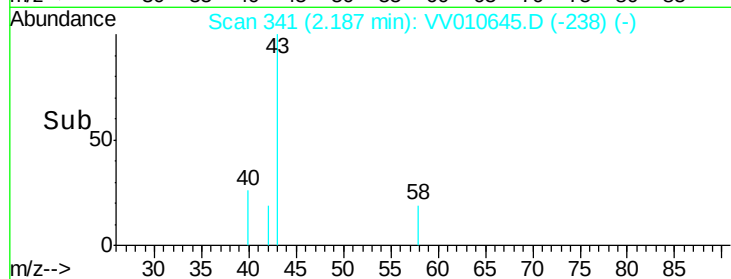
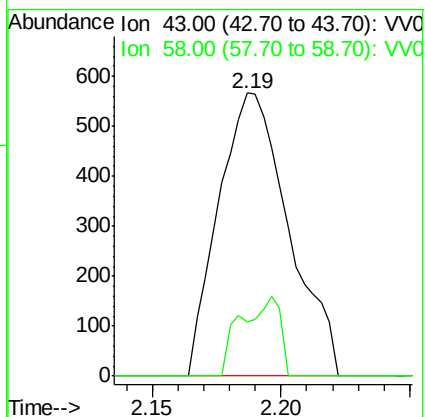
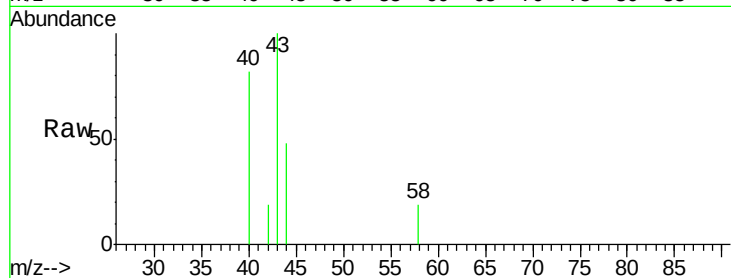
GAJ70

Tot Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

58 6.0 0.0 58.2



#16

Methylene chloride

Concen: 2.806 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010645.D

Acq: 03 May 2019 03:23

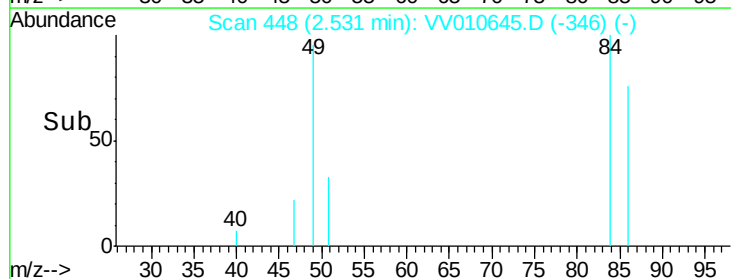
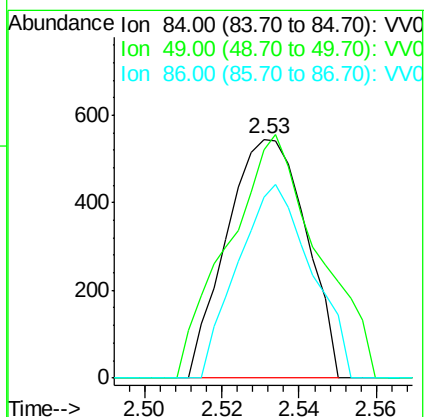
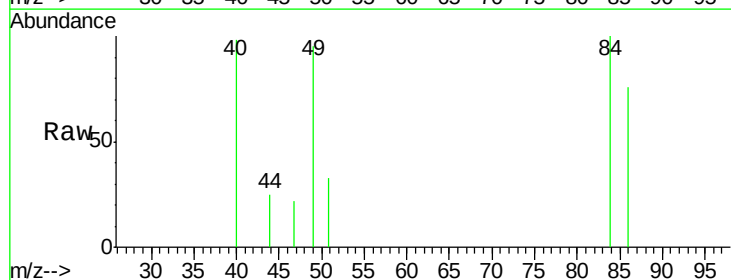
Tgt Ion: 84 Resp: 773

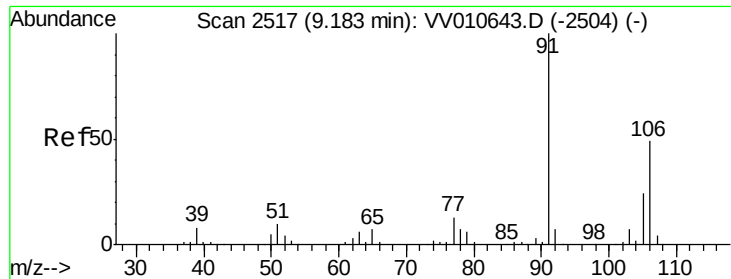
Ion Ratio Lower Upper

84 100

49 95.4 81.9 152.1

86 75.8 44.0 81.6





#54

m,p-Xylene

Concen: 2.752 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV010645.D

Acq: 03 May 2019 03:23

Instrument :

MSVOA_V

ClientSampled :

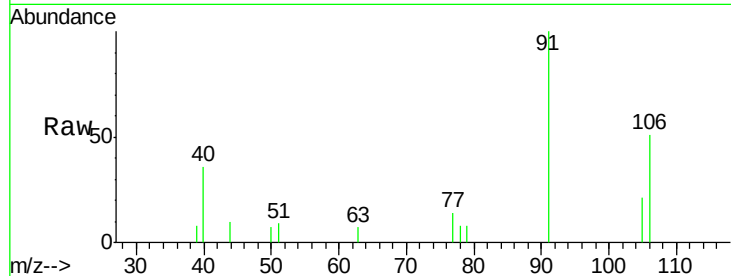
GAJ70

Tot Ion:106 Resp: 1229

Ion Ratio Lower Upper

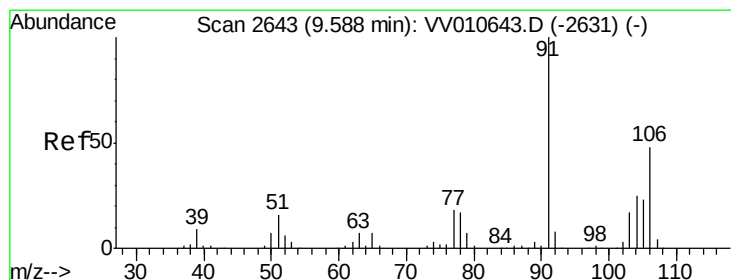
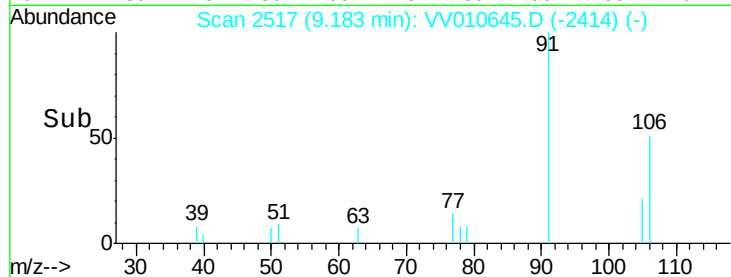
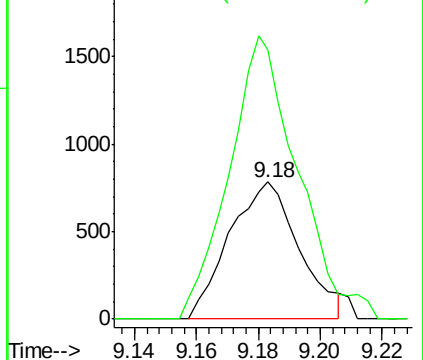
106 100

91 196.3 140.4 260.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 1.627 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV010645.D

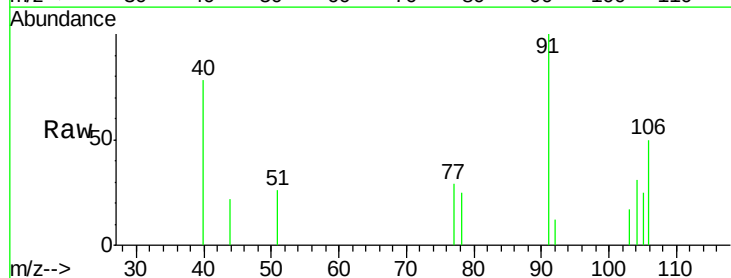
Acq: 03 May 2019 03:23

Tgt Ion:106 Resp: 710

Ion Ratio Lower Upper

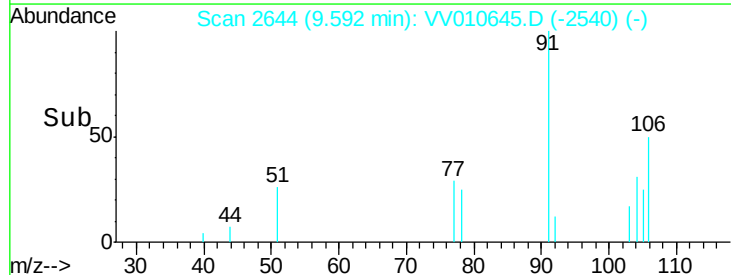
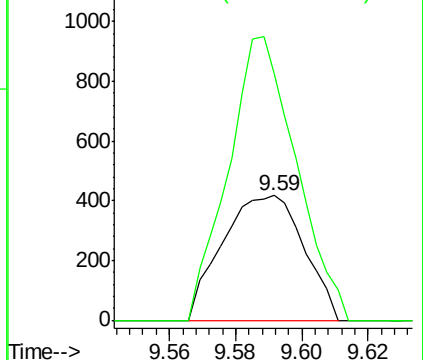
106 100

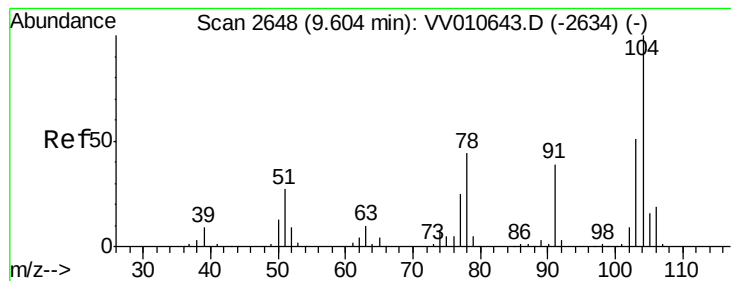
91 198.3 147.3 273.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Stvrene

Concen: 1.791 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010645.D

Acq: 03 May 2019 03:23

Instrument :

MSVOA_V

ClientSampleId :

GAJ70

Tot Ion:104 Resp: 1326

Ion Ratio Lower Upper

104 100

78 39.8 30.4 56.5

