

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010761.D
 Acq On : 09 May 2019 09:57
 Operator : SY/MD
 Sample : K2633-10RE
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA2RE

Quant Time: May 10 03:47:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 04:43:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	61341	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	49849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	15690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21069	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
7) Chloroethane-d5	1.58	69	19843	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	2.12	63	28489	13.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	3.93	46	8183	28.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.24%
24) Chloroform-d	4.40	84	36917	22.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.08	65	21916	20.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.92%
29) Benzene-d6	5.09	84	77571	29.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.24%
33) 1,2-Dichloropropane-d6	6.11	67	23812	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	7.36	98	63198	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	7.66	79	7221	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	8.13	63	5240	29.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14130	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	14541	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

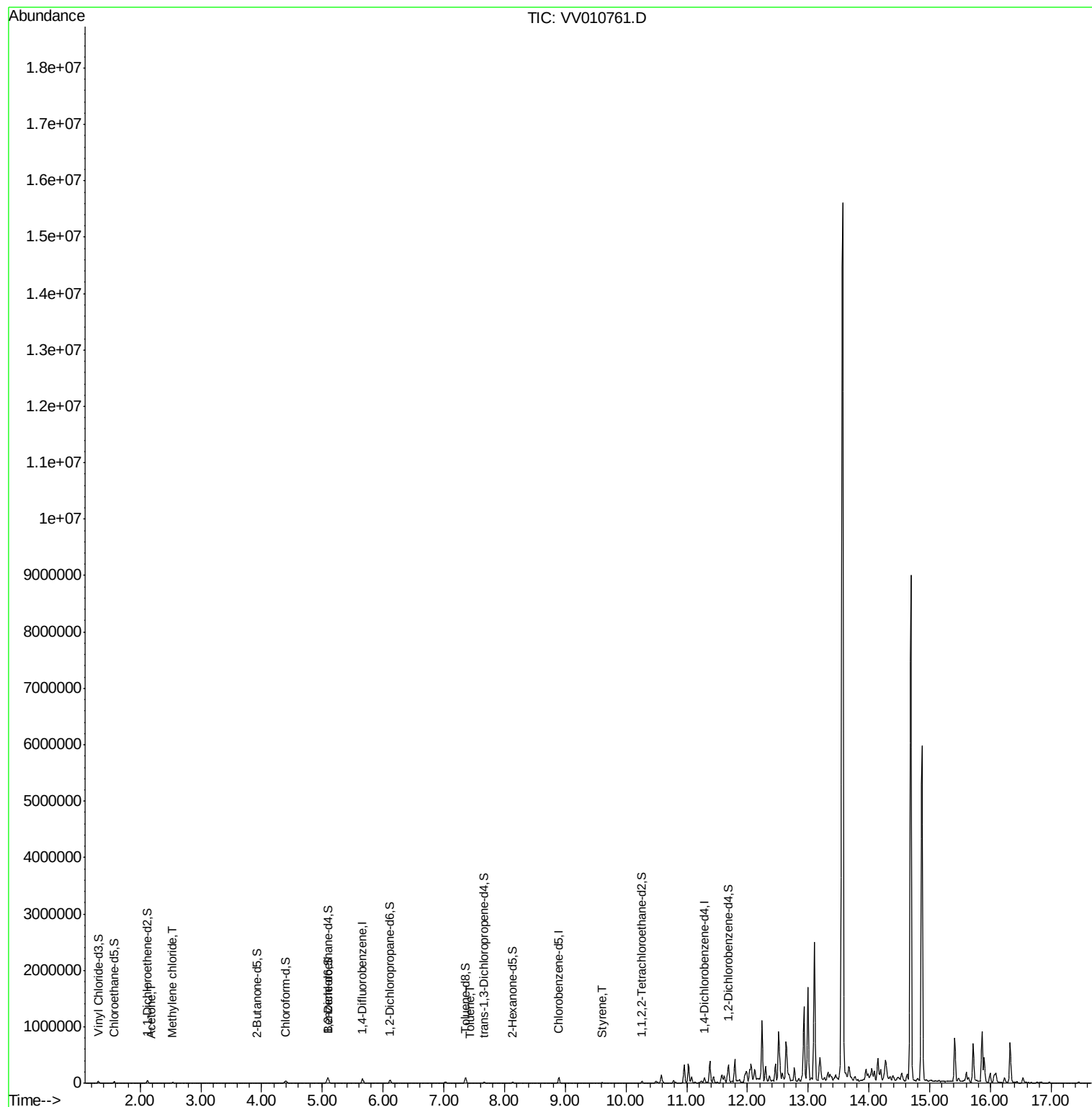
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	1016	2.295	ug/L	79
16) Methylene chloride	2.53	84	4848	5.111	ug/L	98
44) Toluene	7.43	91	2737	0.824	ug/L	94
56) Styrene	9.60	104	4818	1.995	ug/L	92

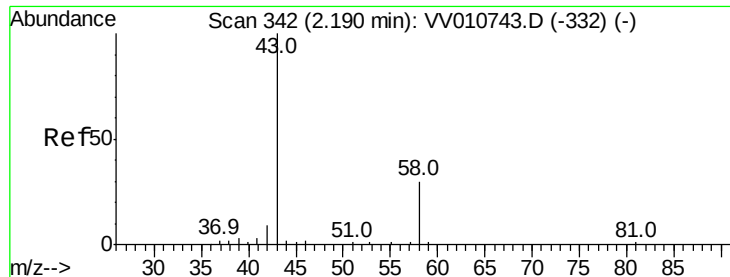
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050719\
Data File : VV010761.D
Acq On : 09 May 2019 09:57
Operator : SY/MD
Sample : K2633-10RE
Misc : 5.00G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA2RE

Quant Time: May 10 03:47:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.295 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010761.D

Acq: 09 May 2019 09:57

Instrument :

MSVOA_V

ClientSampleId :

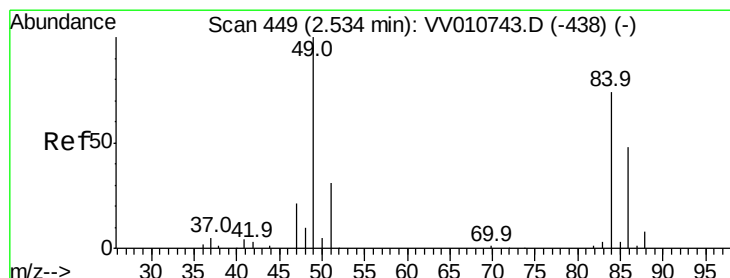
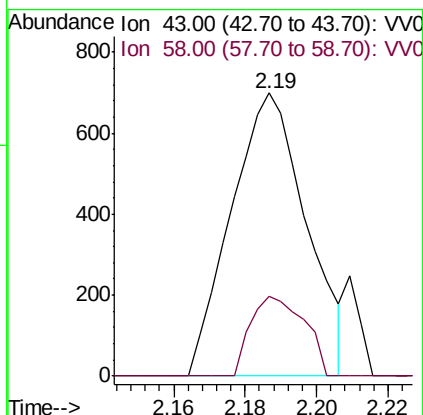
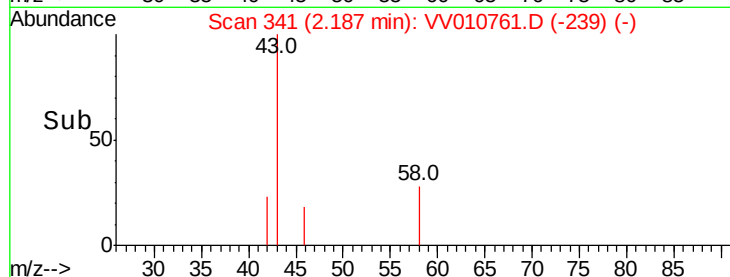
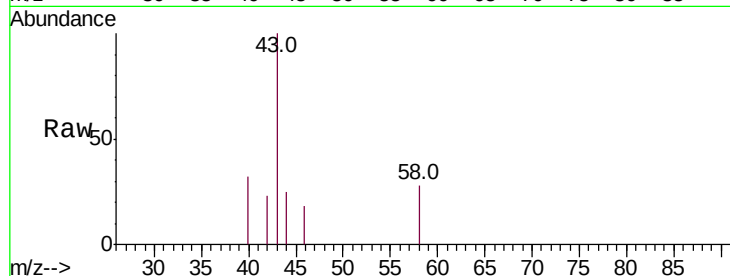
GAJA2RE

Tot Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

58 20.3 0.0 63.4



#16

Methylene chloride

Concen: 5.111 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010761.D

Acq: 09 May 2019 09:57

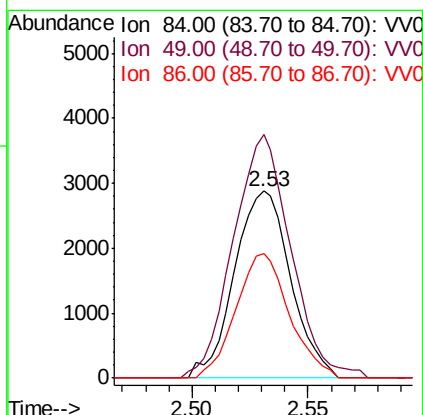
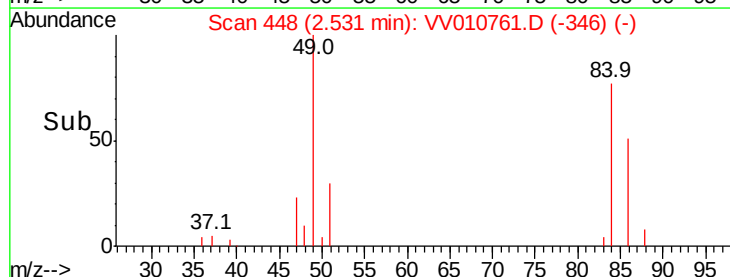
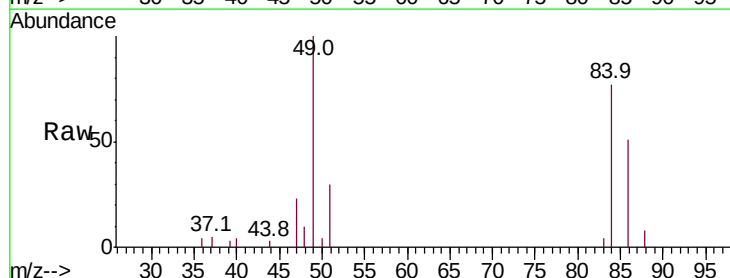
Tgt Ion: 84 Resp: 4848

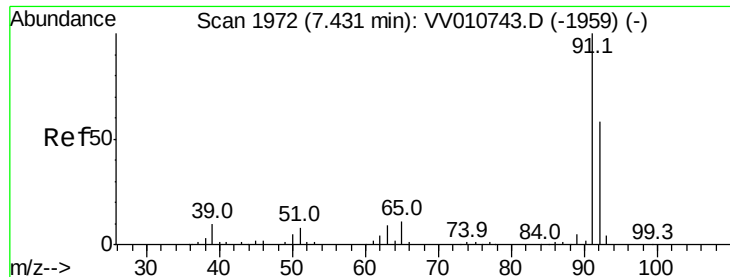
Ion Ratio Lower Upper

84 100

49 130.2 92.9 172.5

86 66.8 46.5 86.5





#44

Toluene

Concen: 0.824 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010761.D

Acq: 09 May 2019 09:57

Instrument :

MSVOA_V

ClientSampleId :

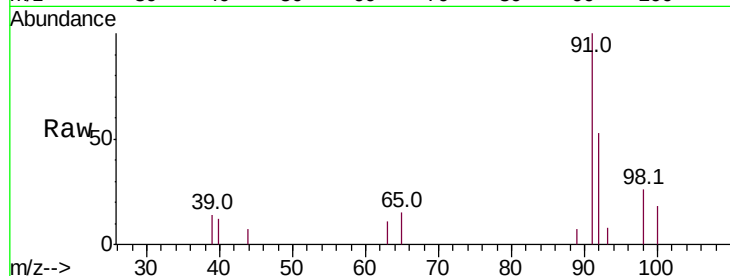
GAJA2RE

Tot Ion: 91 Resp: 2737

Ion Ratio Lower Upper

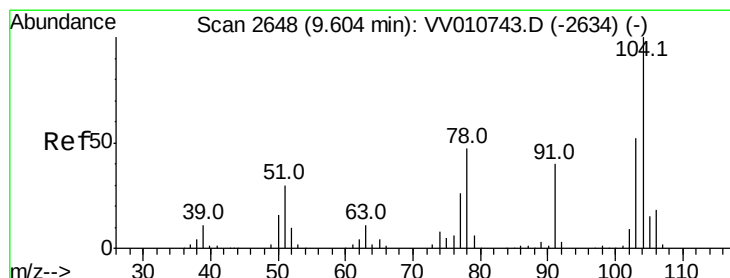
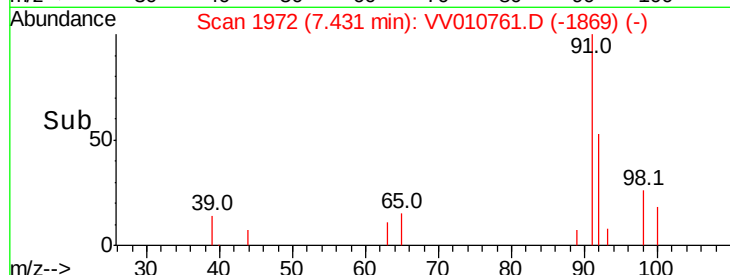
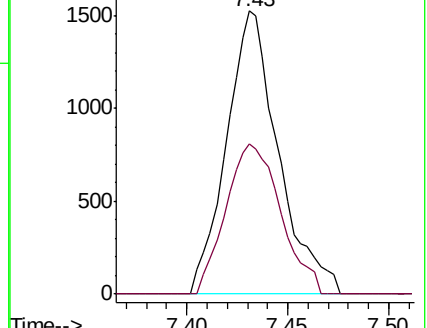
91 100

92 53.1 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010743.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV010743.D (-1959) (-)



#56

Styrene

Concen: 1.995 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV010761.D

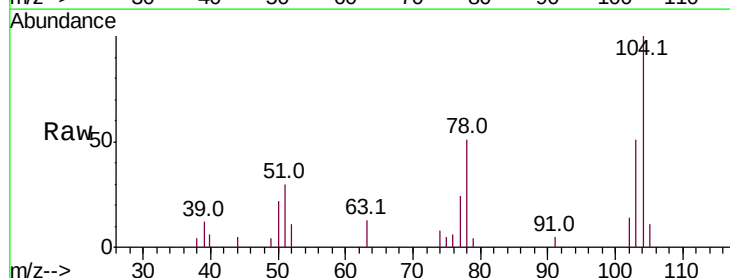
Acq: 09 May 2019 09:57

Tgt Ion:104 Resp: 4818

Ion Ratio Lower Upper

104 100

78 51.1 32.2 59.8



Abundance Ion 104.00 (103.70 to 104.70): VV010743.D (-2634) (-)

Ion 78.00 (77.70 to 78.70): VV010743.D (-2634) (-)

