

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013556.D
 Acq On : 08 Nov 2019 22:09
 Operator : SY/MD
 Sample : K5718-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9S9

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:33:31 PM

Quant Time: Nov 09 01:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 22:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	378259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82456	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	73981	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	102281	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	313482	54.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	4.40	84	209821	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	116344	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	372137	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	135859	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	284576	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	45343	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	170997	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96191	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150503	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	9435m	2.721	ug/L	
16) Methylene chloride	2.53	84	31375	1.053	ug/L	95
42) Toluene	7.43	91	11799	0.097	ug/L	88
53) m,p-xylene	9.18	106	4309	0.089	ug/L	72

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

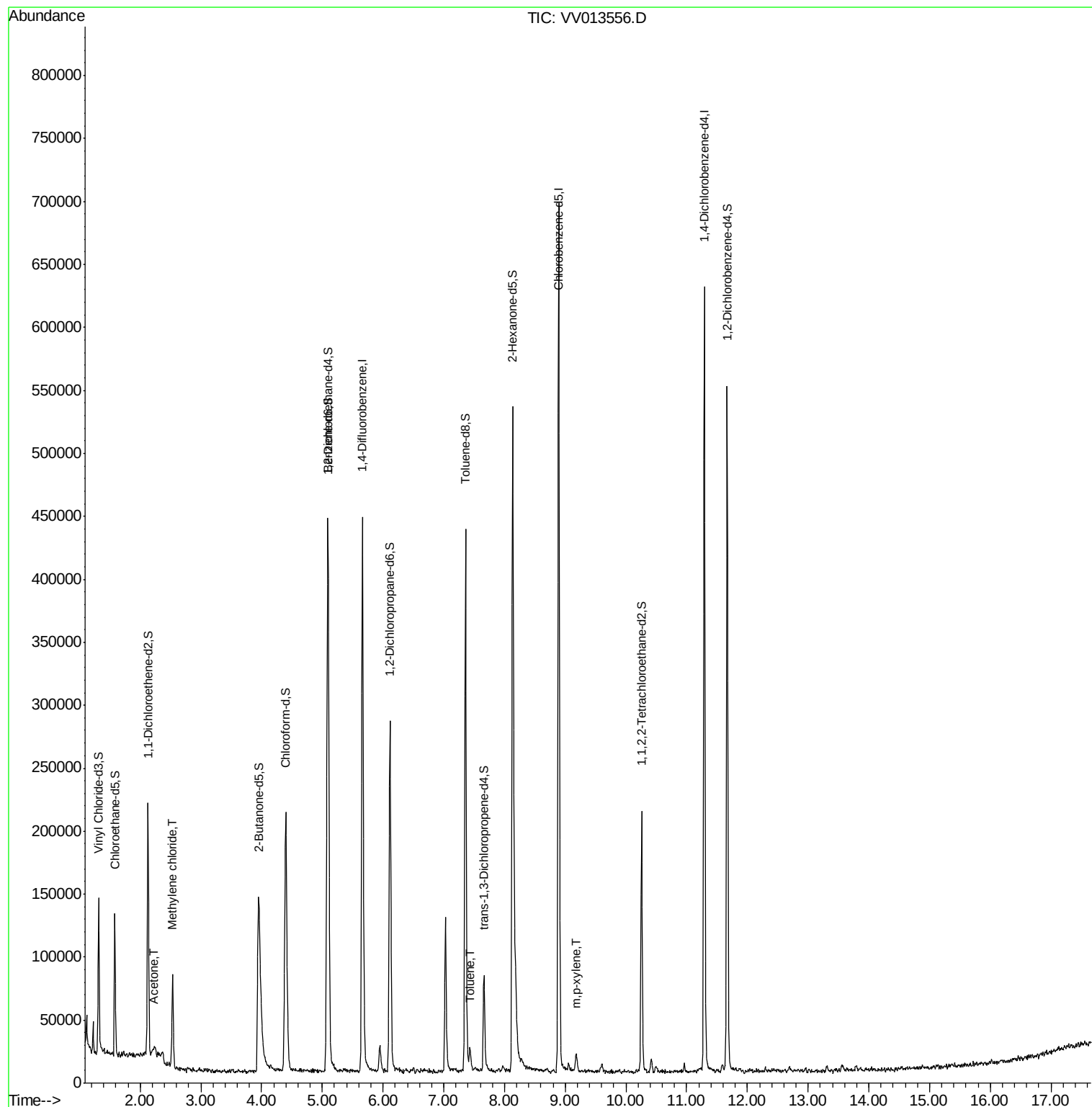
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV110819\
Data File : VV013556.D
Acq On : 08 Nov 2019 22:09
Operator : SY/MD
Sample : K5718-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

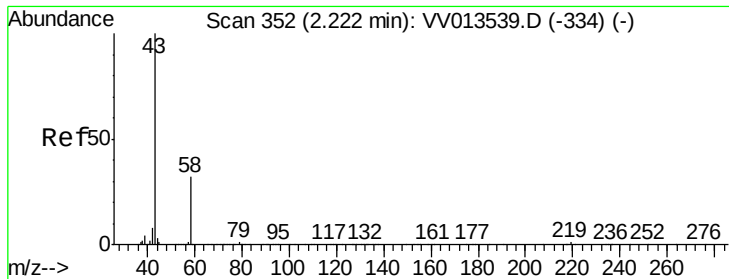
Instrument :
MSVOA_V
ClientSampleId :
BE9S9

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:33:31 PM

Quant Time: Nov 09 01:10:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.721 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV013556.D

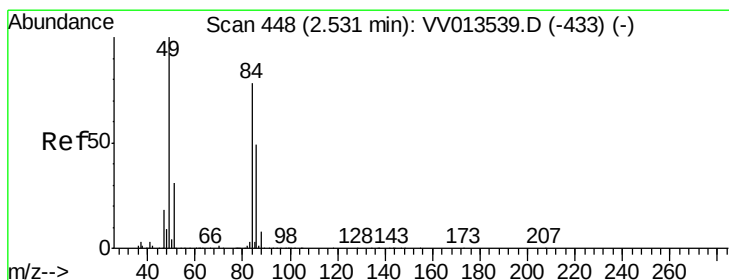
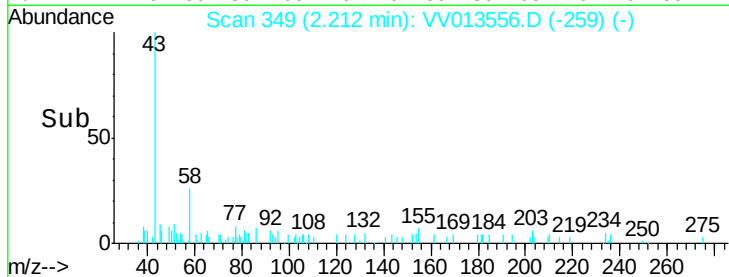
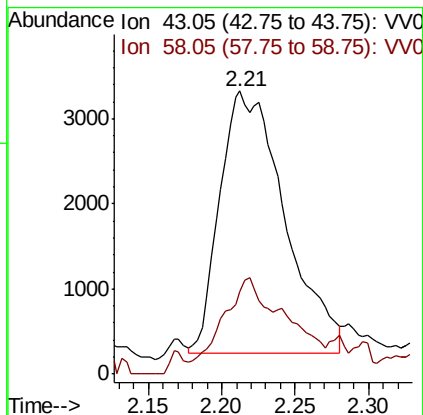
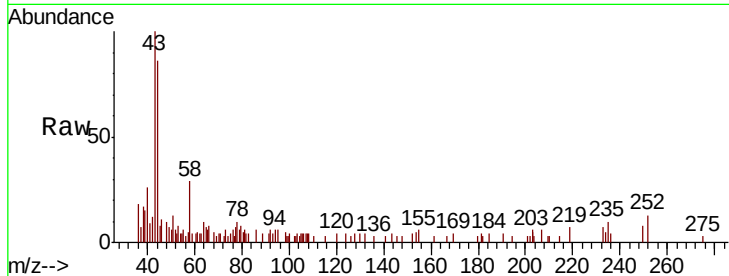
Acq: 08 Nov 2019 22:09

Tot Ion:	43	Resp:	9435
Ion Ratio	Lower	Upper	
43	100		
58	2.0	0.0	60.8

Instrument :
MSVOA_V
ClientSampleId :
BE9S9

Manual Integrations
APPROVED

MMDadoda
11/11/2019 3:33:31 PM



#16

Methylene chloride

Concen: 1.053 ug/L

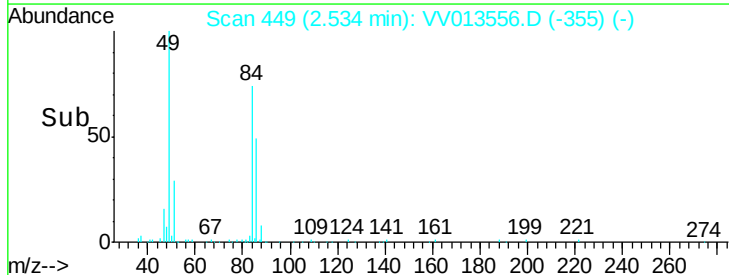
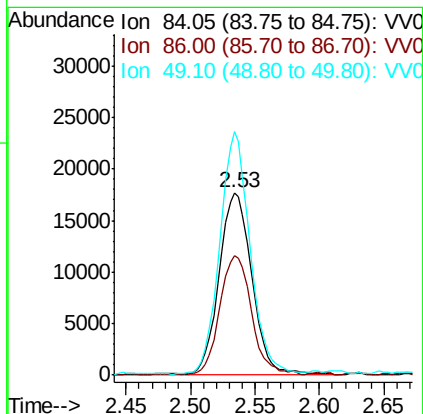
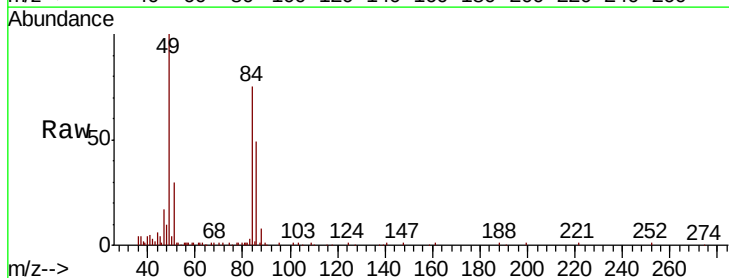
RT: 2.53 min Scan# 449

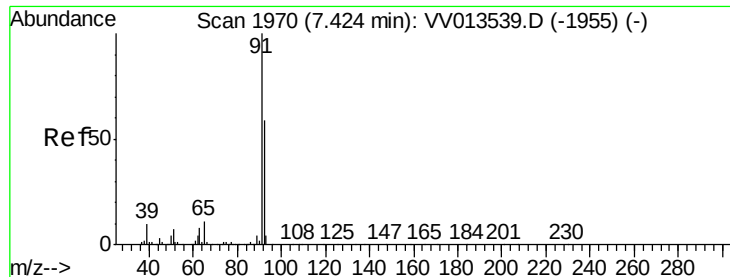
Delta R.T. 0.00 min

Lab File: VV013556.D

Acq: 08 Nov 2019 22:09

Tgt Ion:	84	Resp:	31375
Ion Ratio	Lower	Upper	
84	100		
86	65.5	44.2	82.2
49	133.5	88.8	164.8





#42

Toluene

Concen: 0.097 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013556.D

Acq: 08 Nov 2019 22:09

Instrument :

MSVOA_V

ClientSampleId :

BE9S9

Tot Ion: 91 Resp: 11799

Ion Ratio Lower Upper

91 100

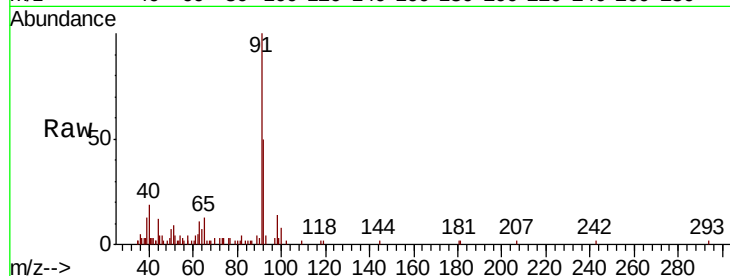
92 50.4 41.4 77.0

Manual Integrations

APPROVED

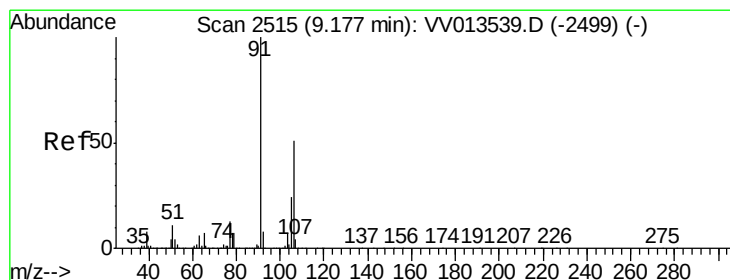
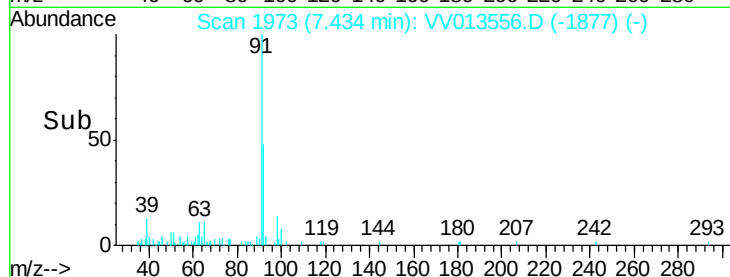
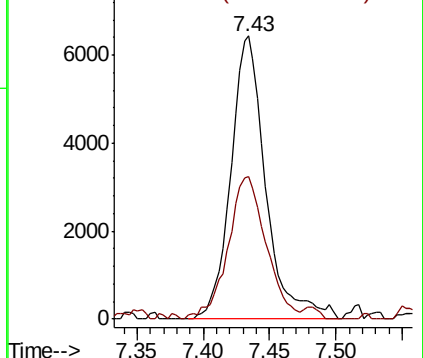
MMDadoda

11/11/2019 3:33:31 PM



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#53

m,p-xylene

Concen: 0.089 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013556.D

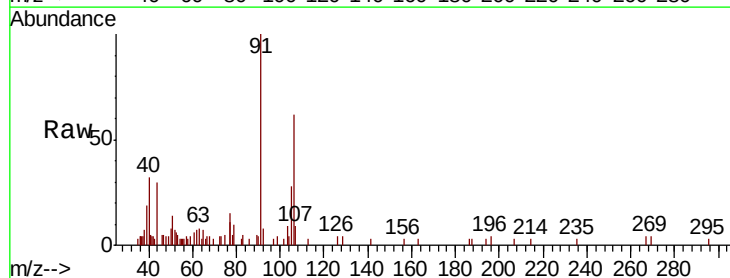
Acq: 08 Nov 2019 22:09

Tgt Ion: 106 Resp: 4309

Ion Ratio Lower Upper

106 100

91 160.0 142.0 263.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

