

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111119\
 Data File : VV013578.D
 Acq On : 11 Nov 2019 12:40
 Operator : SY/MD
 Sample : K5718-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9S9

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 1:42:33 PM

Quant Time: Nov 12 07:57:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 12 07:44:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	402514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	408340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74239	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	69069	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	92992	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	3.96	46	293711	48.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.40	84	203712	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	110935	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	371929	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.11	67	126507	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	279192	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	45411	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	171512	39.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96285	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	146892	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds					Ovalue
13) Acetone	2.24	43	11955m	3.240 ug/L	
16) Methylene chloride	2.53	84	26710	0.842 ug/L	95
42) Toluene	7.43	91	9699	0.074 ug/L	94
53) m,p-xylene	9.18	106	3740	0.071 ug/L	82

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

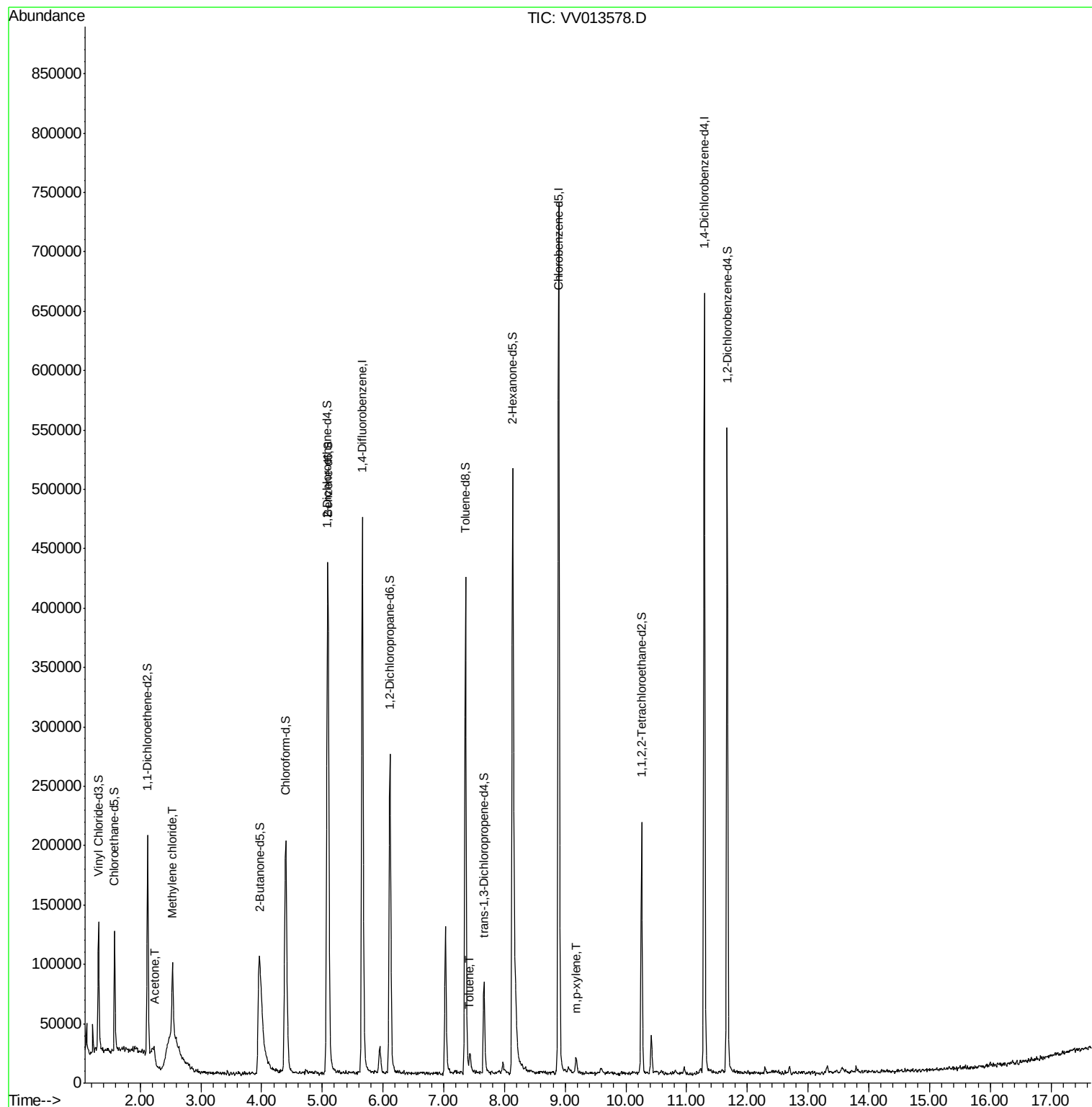
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111119\
Data File : VV013578.D
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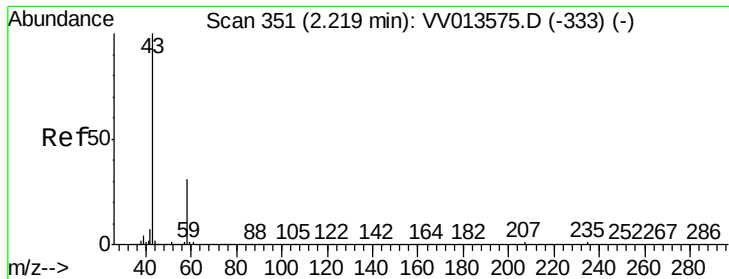
Instrument :
MSVOA_V
ClientSampleId :
BE9S9

Manual Integrations
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Quant Time: Nov 12 07:57:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 12 07:44:30 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.240 ug/L m

RT: 2.24 min Scan# 359

Delta R.T. 0.03 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Instrument :

MSVOA_V

ClientSampleId :

BE9S9

Tot Ion: 43 Resp: 11955

Ion Ratio Lower Upper

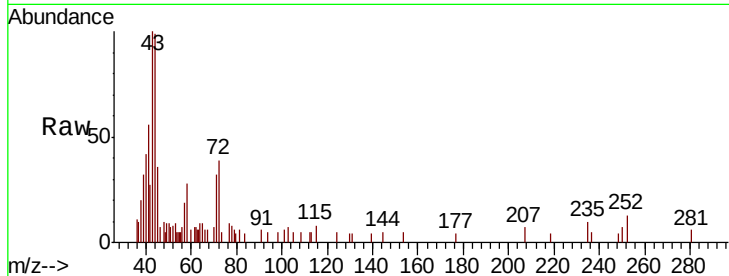
43 100

58 1.4 0.0 60.8

Manual Integrations
APPROVED

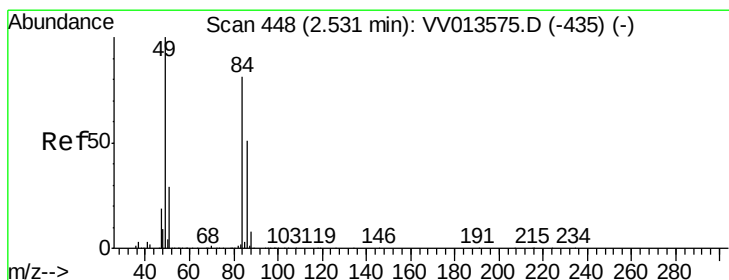
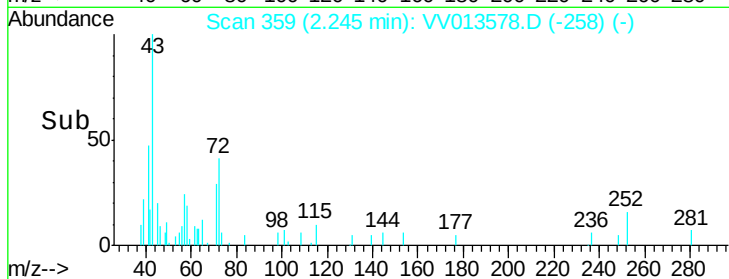
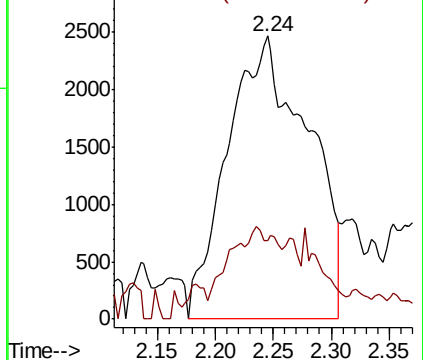
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11/13/2019 1:42:33 PM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.842 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

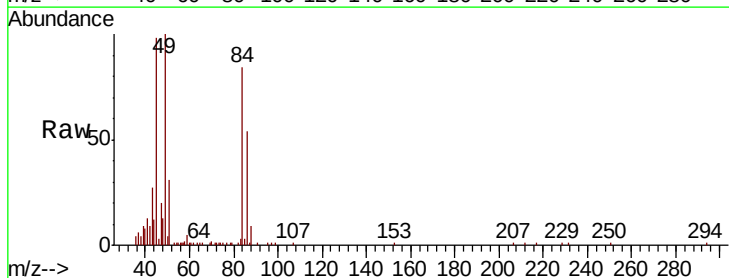
Tgt Ion: 84 Resp: 26710

Ion Ratio Lower Upper

84 100

86 63.8 44.2 82.2

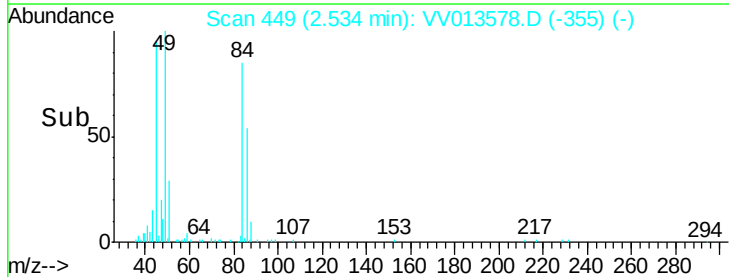
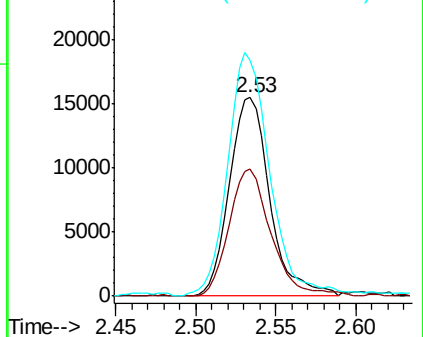
49 119.2 88.8 164.8

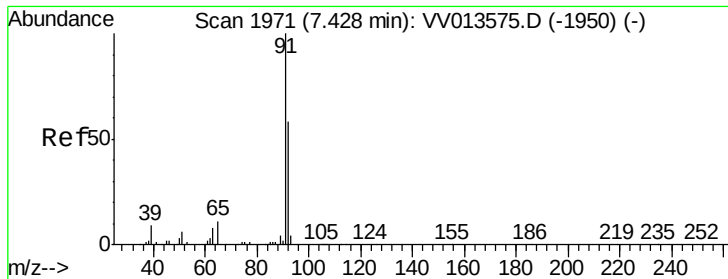


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#42

Toluene

Concen: 0.074 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013578.D

Acq: 11 Nov 2019 12:40

Instrument :

MSVOA_V

ClientSampleId :

BE9S9

Tot Ion: 91 Resp: 9699

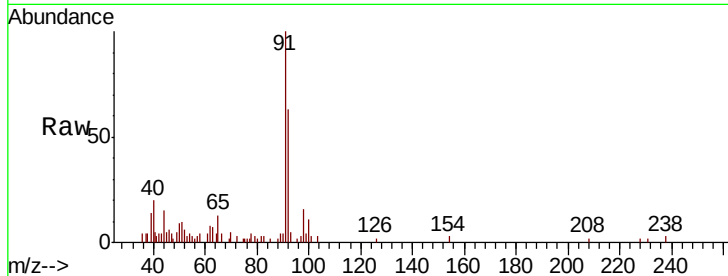
Ion Ratio Lower Upper

91 100

92 63.4 41.4 77.0

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Abundance Ion 91.15 (90.85 to 91.85): VV013575.D (-1950) (-)

Ion 92.15 (91.85 to 92.85): VV013575.D (-1950) (-)

7.43

6000

5000

4000

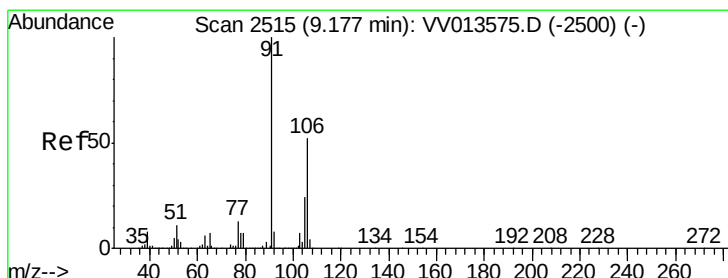
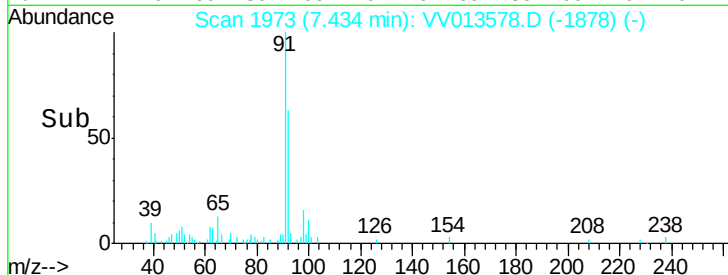
3000

2000

1000

0

Time-->



#53

m,p-xylene

Concen: 0.071 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013578.D

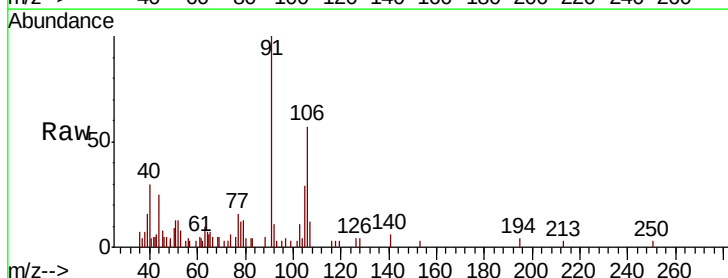
Acq: 11 Nov 2019 12:40

Tgt Ion: 106 Resp: 3740

Ion Ratio Lower Upper

106 100

91 176.0 142.0 263.6



Abundance Ion 106.15 (105.85 to 106.85): VV013575.D (-2500) (-)

Ion 91.15 (90.85 to 91.85): VV013575.D (-2500) (-)

9.18

4000

3000

2000

1000

0

Time-->

