

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
 Data File : VV010159.D
 Acq On : 06 Apr 2019 17:46
 Operator : SY/MD
 Sample : K2188-06RE
 Misc : 3.13G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF662RE

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:28:39 AM

Quant Time: Apr 07 02:28:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	263549	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58286	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	1.58	69	61687	14.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.32%
10) 1,1-Dichloroethene-d2	2.13	63	127529	14.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.32%
20) 2-Butanone-d5	3.94	46	32607	32.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.96%
24) Chloroform-d	4.40	84	144935	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.08	65	76253	20.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.12%
29) Benzene-d6	5.10	84	284780	29.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.24%
33) 1,2-Dichloropropane-d6	6.12	67	84933	29.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.48%
37) Toluene-d8	7.36	98	236813	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.04%
38) trans-1,3-Dichloropropene-	7.67	79	13976	11.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.00%
39) 2-Hexanone-d5	8.13	63	22561	39.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41145	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	37534	18.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.72%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	4269	4.301	ug/L	92
14) Carbon disulfide	2.32	76	22568	3.018	ug/L	99
16) Methylene chloride	2.53	84	23107	4.990	ug/L	91
34) Benzene	5.15	78	10739m	1.182	ug/L	
44) Toluene	7.43	91	12878	1.263	ug/L	91
53) Ethylbenzene	9.05	91	23971	2.144	ug/L	100
54) m,p-Xylene	9.18	106	10045	2.309	ug/L	96
55) o-xylene	9.59	106	5873	1.393	ug/L	83

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

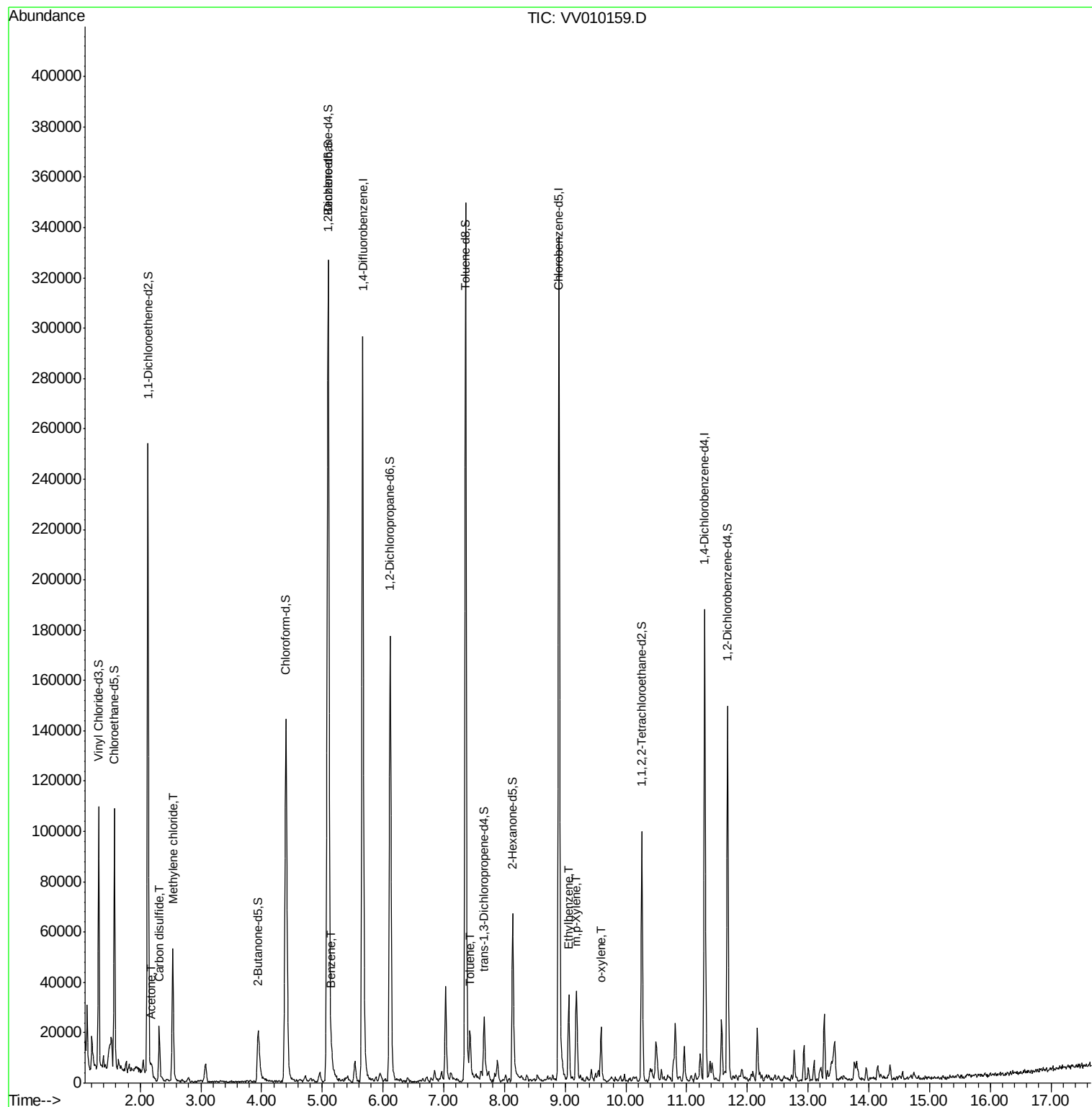
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010159.D
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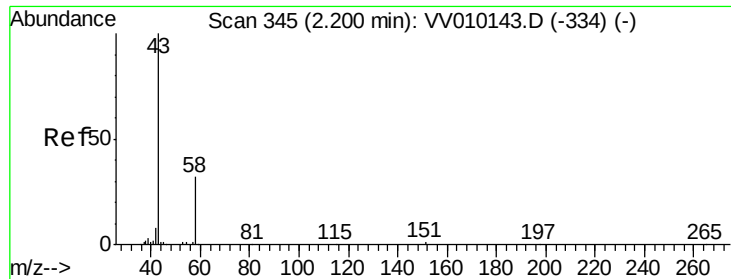
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.301 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010159.D

Acq: 06 Apr 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

BF662RE

Tot Ion: 43 Resp: 4269

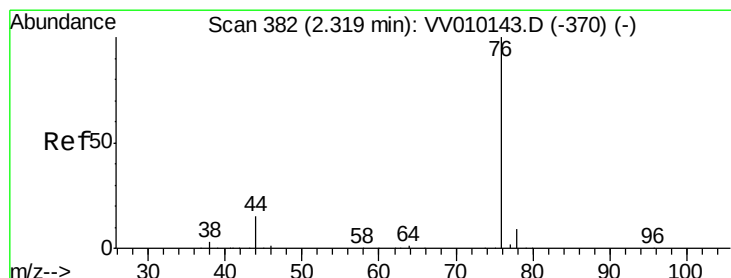
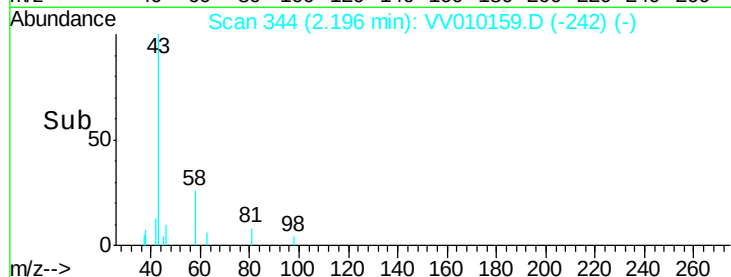
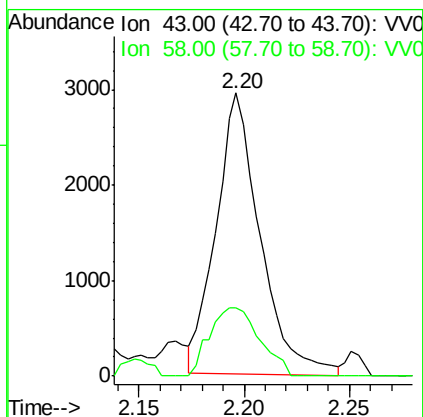
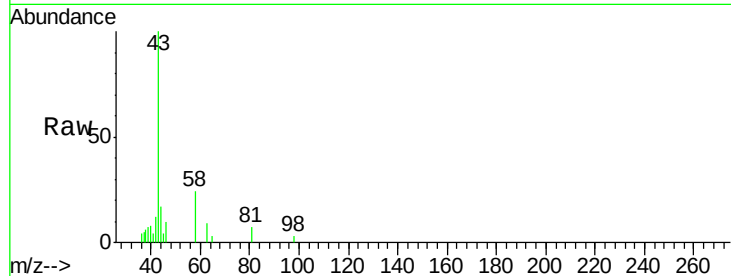
Ion Ratio Lower Upper

43 100

58 27.7 0.0 64.6

Manual Integrations
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#14

Carbon disulfide

Concen: 3.018 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV010159.D

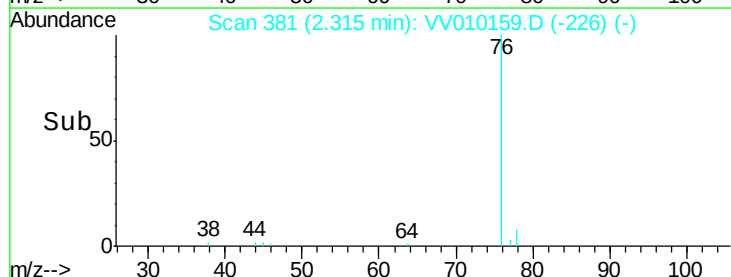
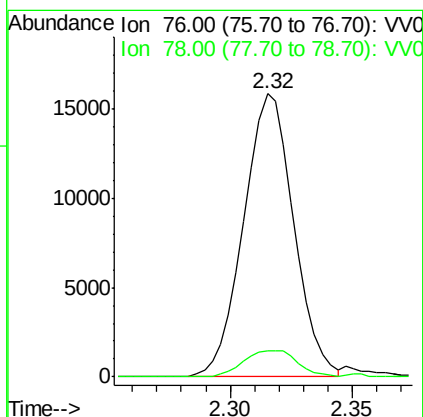
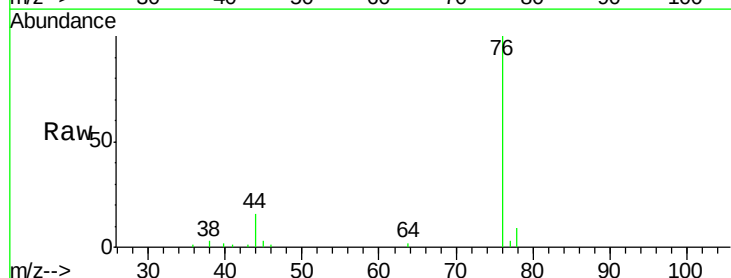
Acq: 06 Apr 2019 17:46

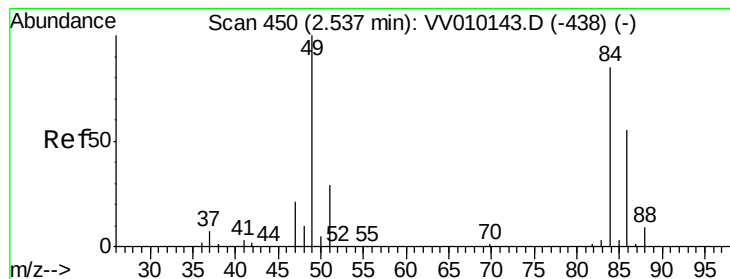
Tgt Ion: 76 Resp: 22568

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#16

Methvlene chloride

Concen: 4.990 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010159.D

Acq: 06 Apr 2019 17:46

Instrument :

MSVOA_V

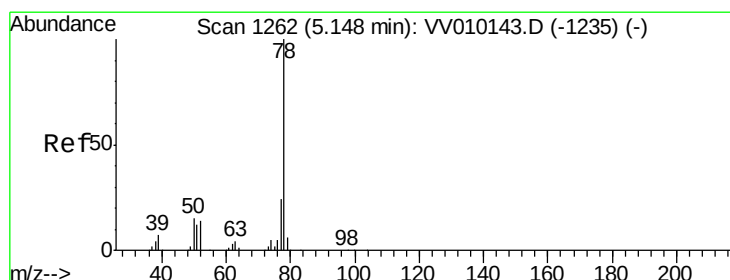
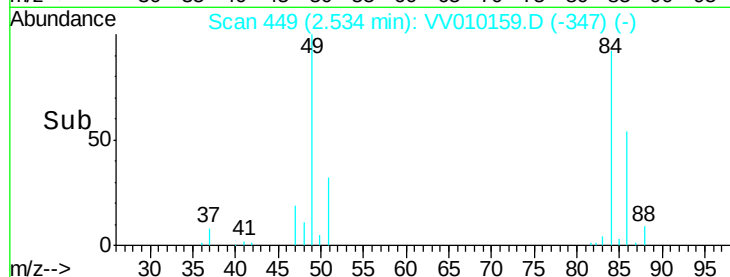
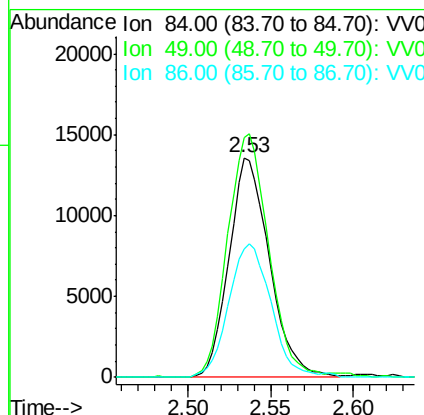
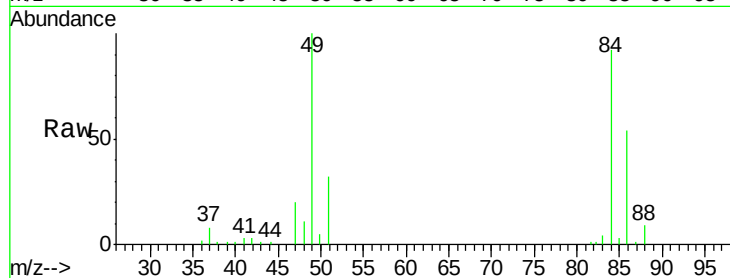
ClientSampleId :

BF662RE

Tot Ion:	84	Resp:	23107
Ion	Ratio	Lower	Upper
84	100		
49	109.1	84.3	156.5
86	58.6	45.4	84.2

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#34

Benzene

Concen: 1.182 ug/L m

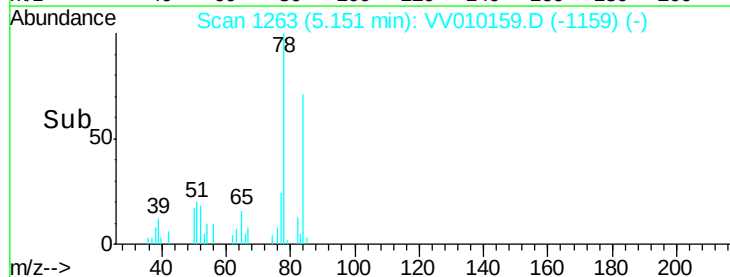
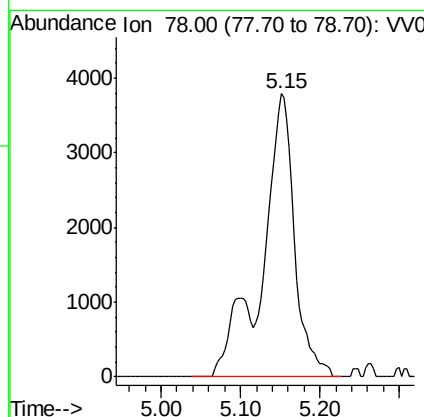
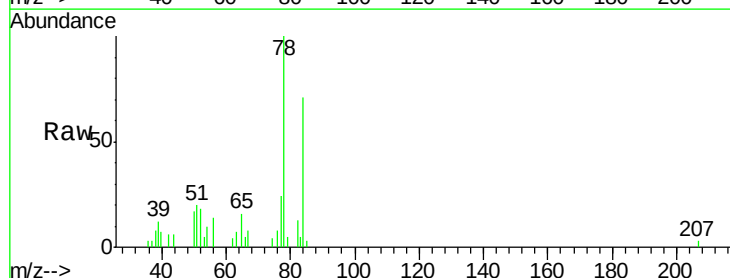
RT: 5.15 min Scan# 1263

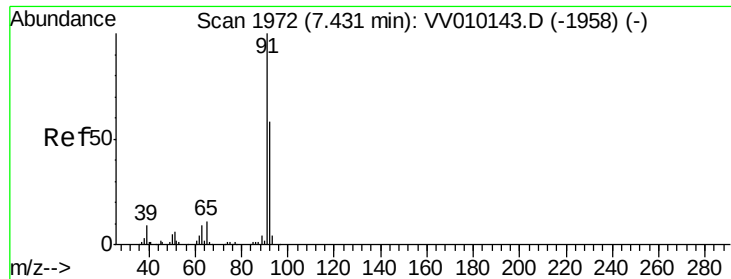
Delta R.T. 0.00 min

Lab File: VV010159.D

Acq: 06 Apr 2019 17:46

Tgt Ion: 78 Resp: 10739





#44

Toluene

Concen: 1.263 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV010159.D

Acq: 06 Apr 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

BF662RE

Tot Ion: 91 Resp: 12878

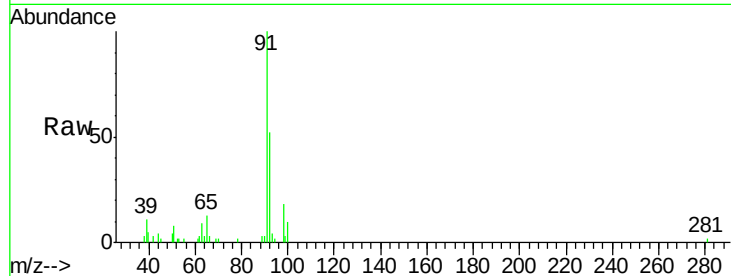
Ion Ratio Lower Upper

91 100

92 51.5 41.0 76.2

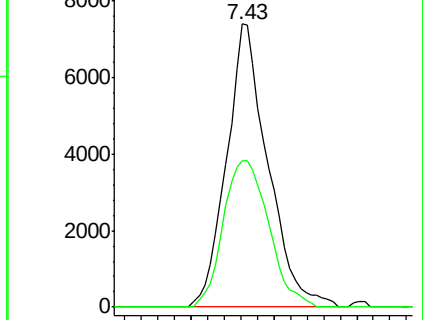
Manual Integrations
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4/8/2019 3:28:39 AM

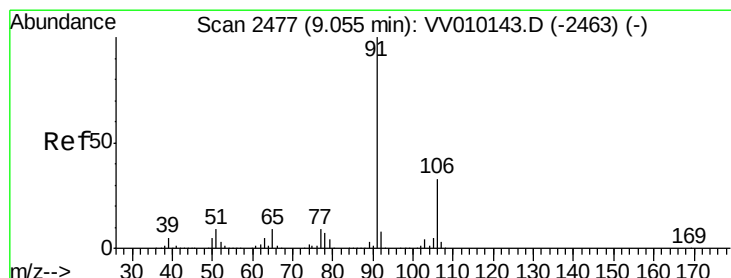
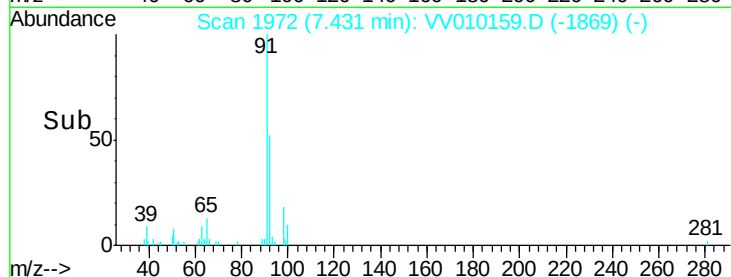


Abundance Ion 91.00 (90.70 to 91.70): VV010159.D (-1869) (-)

Ion 92.00 (91.70 to 92.70): VV010159.D (-1869) (-)



Time-->



#53

Ethylbenzene

Concen: 2.144 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV010159.D

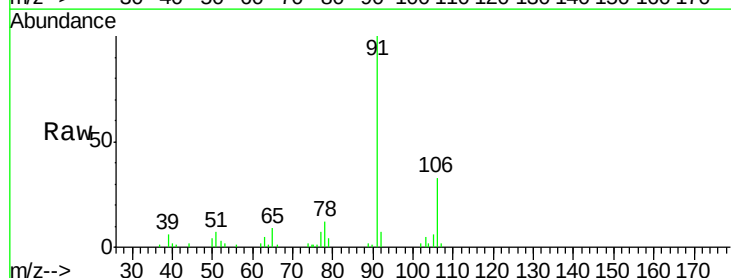
Acq: 06 Apr 2019 17:46

Tgt Ion: 91 Resp: 23971

Ion Ratio Lower Upper

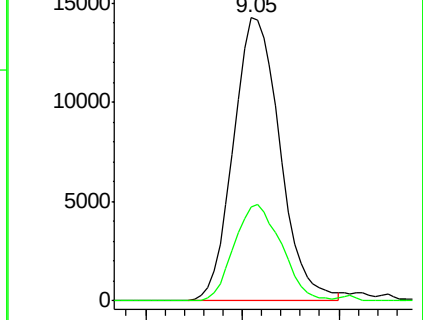
91 100

106 33.2 23.1 42.9

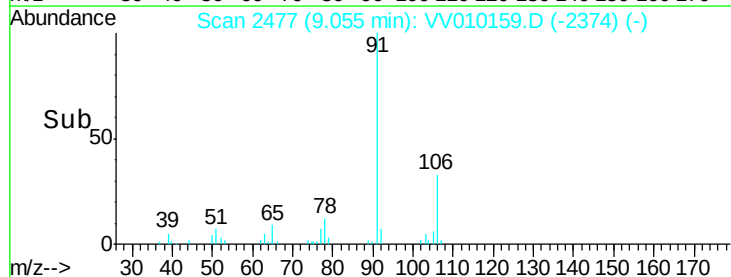


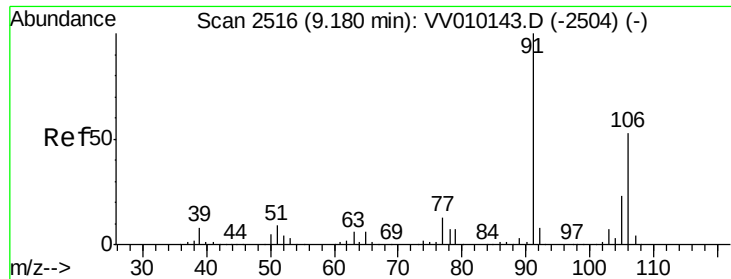
Abundance Ion 91.00 (90.70 to 91.70): VV010159.D (-2374) (-)

Ion 106.00 (105.70 to 106.70): VV010159.D (-2374) (-)



Time-->





#54

m,p-Xylene

Concen: 2.309 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV010159.D

Acq: 06 Apr 2019 17:46

Instrument :

MSVOA_V

ClientSampleId :

BF662RE

Tot Ion:106 Resp: 10045

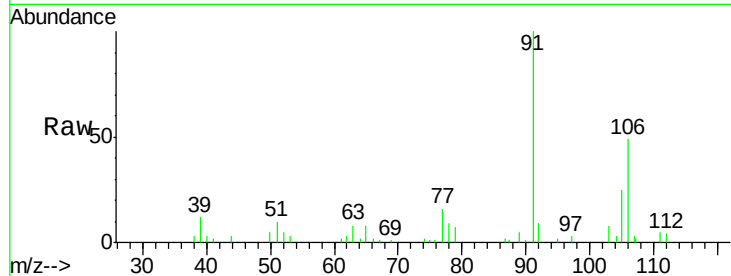
Ion Ratio Lower Upper

106 100

91 205.2 139.3 258.7

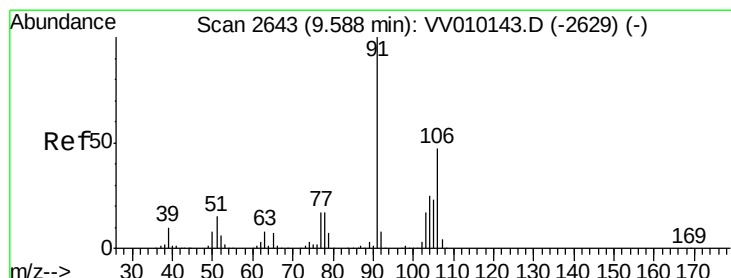
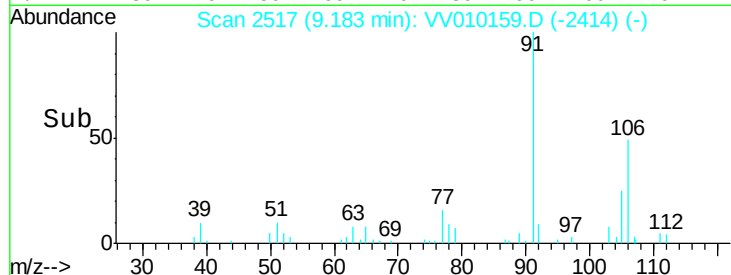
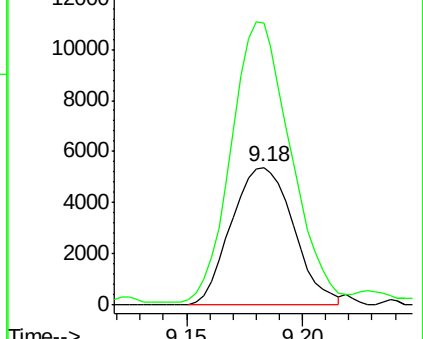
Manual Integrations
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MMDadoda
4/8/2019 3:28:39 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 1.393 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV010159.D

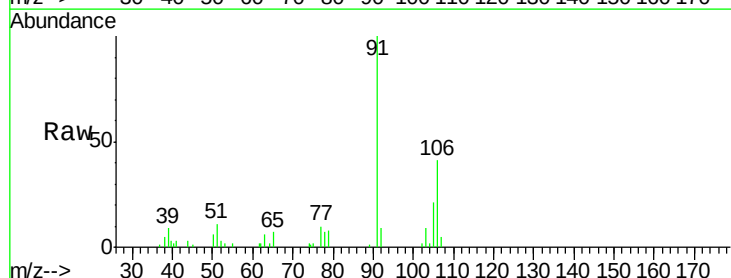
Acq: 06 Apr 2019 17:46

Tgt Ion:106 Resp: 5873

Ion Ratio Lower Upper

106 100

91 241.7 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

