

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013751.D
 Acq On : 25 Oct 2019 16:32
 Operator : SY/VA
 Sample : K5549-07
 Misc : 3.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ60

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:41:27 AM

Quant Time: Oct 26 05:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196572	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124896	35.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.44%
7) Chloroethane-d5	2.89	69	100864	30.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.24%
10) 1,1-Dichloroethene-d2	4.02	63	174593	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.16%
20) 2-Butanone-d5	7.08	46	85099	67.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.66%#
24) Chloroform-d	7.65	84	238537	29.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.28%
26) 1,2-Dichloroethane-d4	8.31	65	131468	31.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.72%
29) Benzene-d6	8.27	84	482714	40.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	163.48%#
33) 1,2-Dichloropropane-d6	9.27	67	149616	42.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.68%#
37) Toluene-d8	10.32	98	377148	34.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	138.52%#
38) trans-1,3-Dichloropropene-	10.58	79	51822	32.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	130.28%
39) 2-Hexanone-d5	10.92	63	61945	91.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100336	34.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	53180	28.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.44%

Target Compounds

					Ovalue
13) Acetone	4.14	43	33516	24.071 ug/L	98
14) Carbon disulfide	4.38	76	8560	0.658 ug/L	97
15) Methyl Acetate	4.68	43	3910m	1.719 ug/L	
21) 2-Butanone	7.18	43	6717	3.800 ug/L	97
34) Benzene	8.32	78	20738	1.470 ug/L	100
44) Toluene	10.39	91	20832	1.375 ug/L	89
47) Tetrachloroethene	10.86	164	5204	1.571 ug/L	90

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

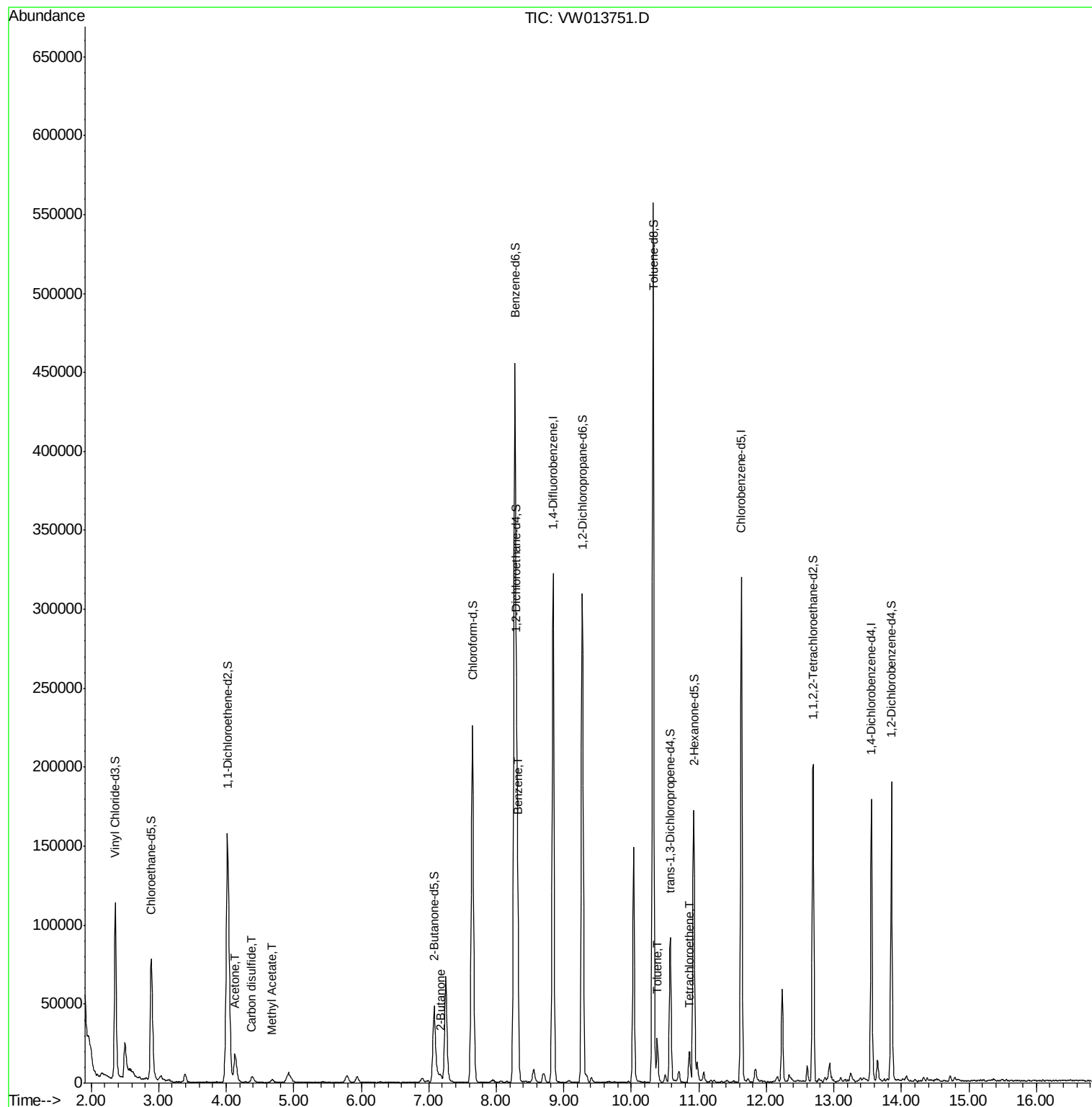
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102519\
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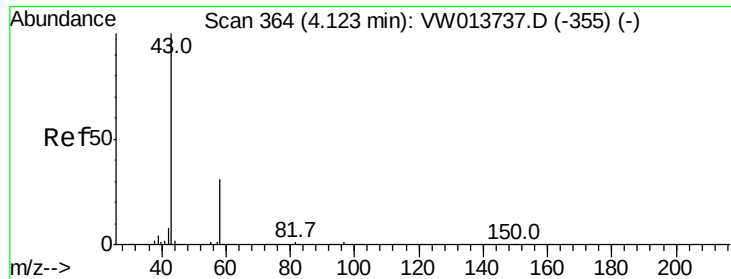
Instrument :
MSVOA_W
ClientSampleId :
GAQ60

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Quant Time: Oct 26 05:35:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 26 03:37:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 24.071 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013751.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAQ60

Tot Ion: 43 Resp: 33516

Ion Ratio Lower Upper

43 100

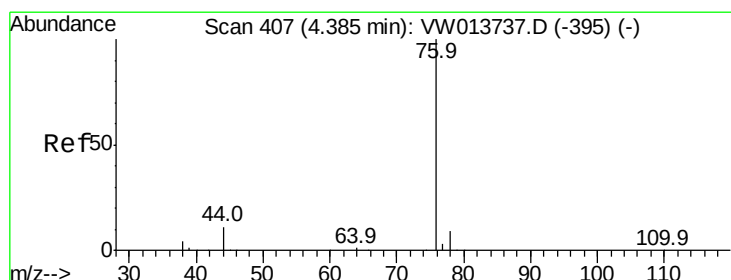
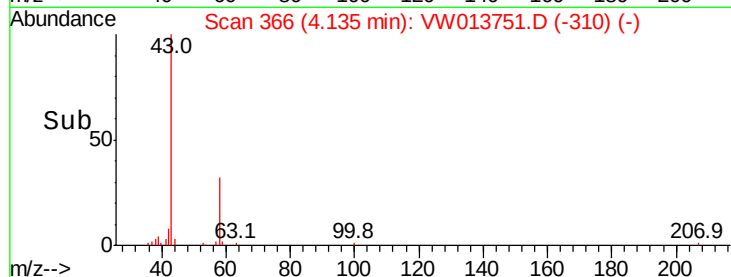
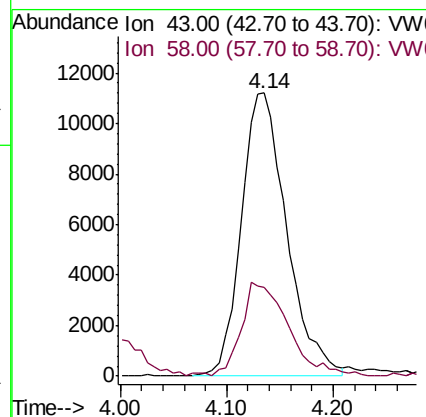
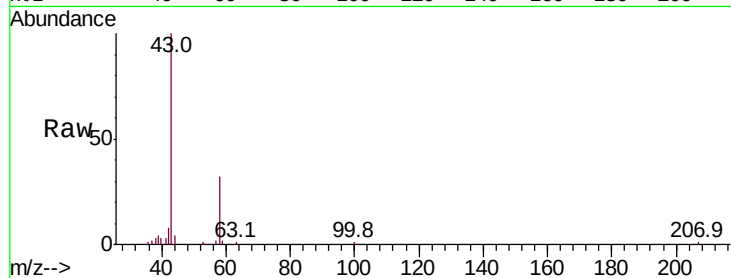
58 34.0 0.0 70.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.658 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013751.D

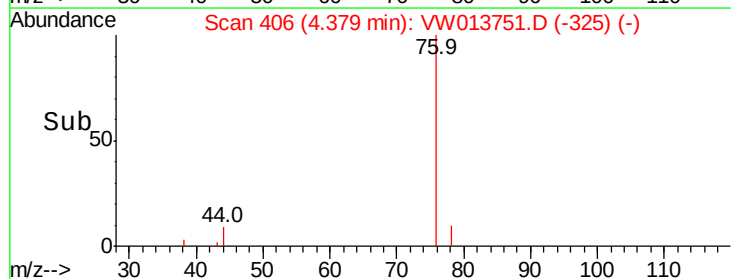
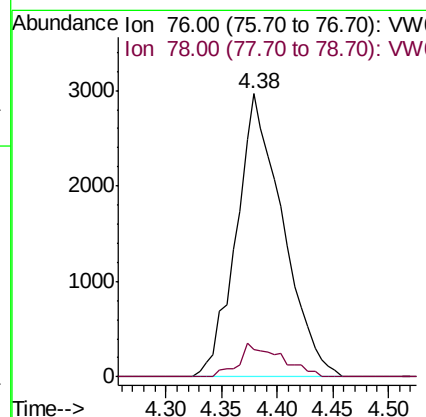
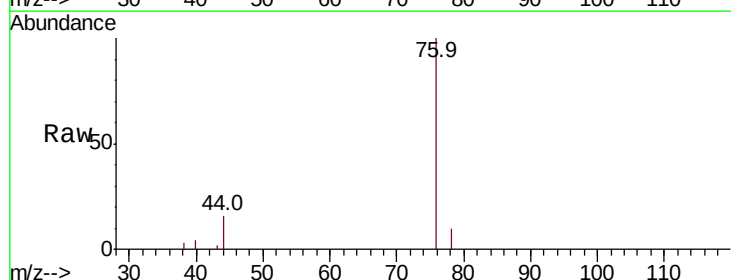
Acq: 25 Oct 2019 16:32

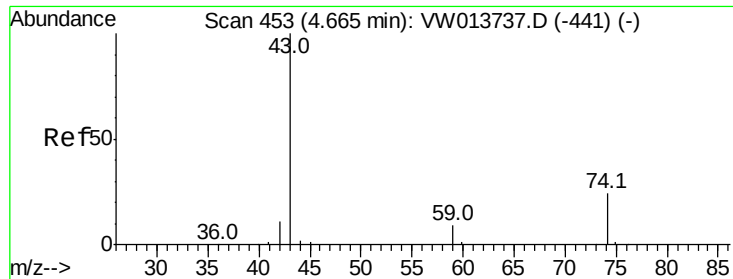
Tgt Ion: 76 Resp: 8560

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7





#15

Methyl Acetate

Concen: 1.719 ug/L m

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW013751.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAQ60

Tot Ion: 43 Resp: 3910

Ion Ratio Lower Upper

43 100

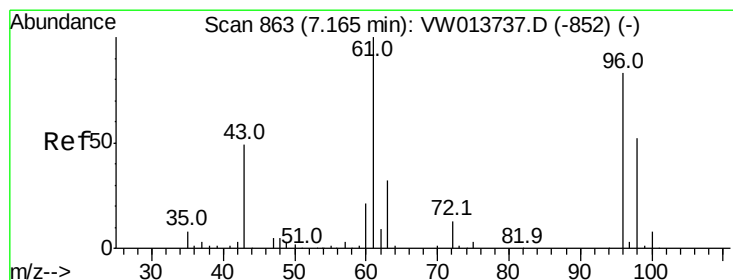
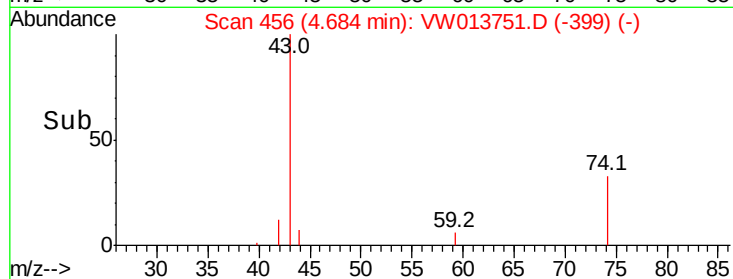
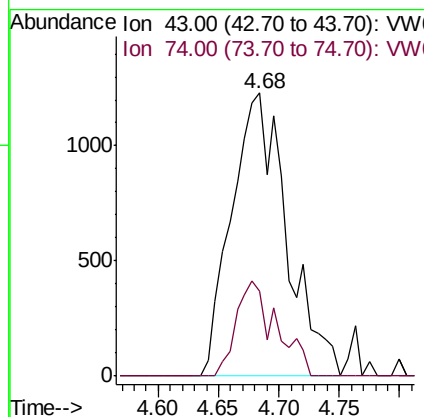
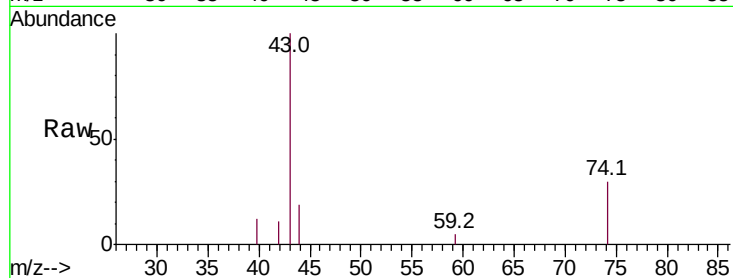
74 16.4 19.2 28.8#

Manual Integrations

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#21

2-Butanone

Concen: 3.800 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW013751.D

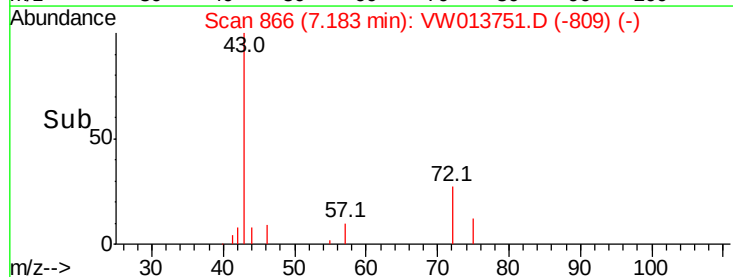
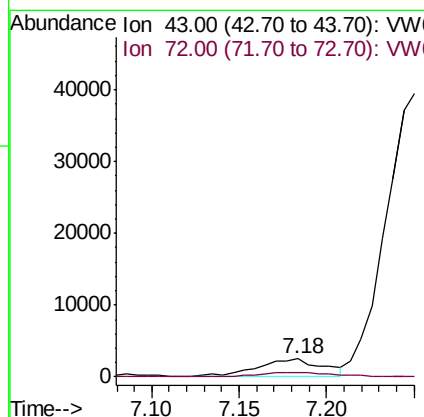
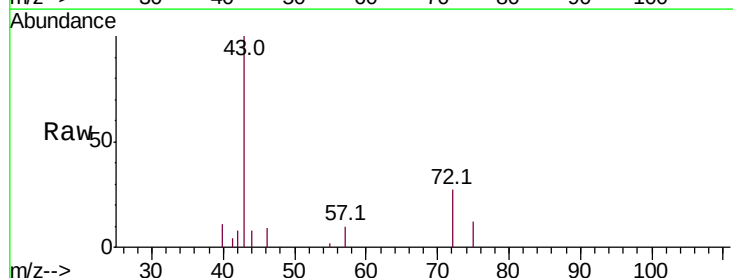
Acq: 25 Oct 2019 16:32

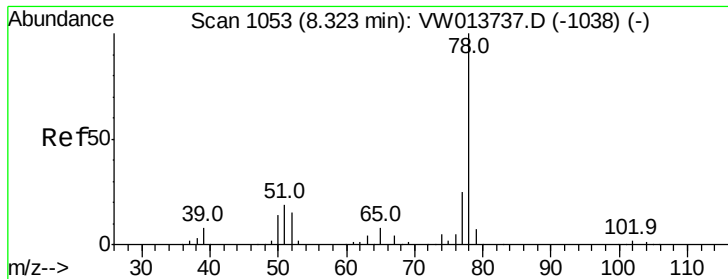
Tgt Ion: 43 Resp: 6717

Ion Ratio Lower Upper

43 100

72 25.6 13.7 41.1





#34

Benzene

Concen: 1.470 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013751.D

Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_W

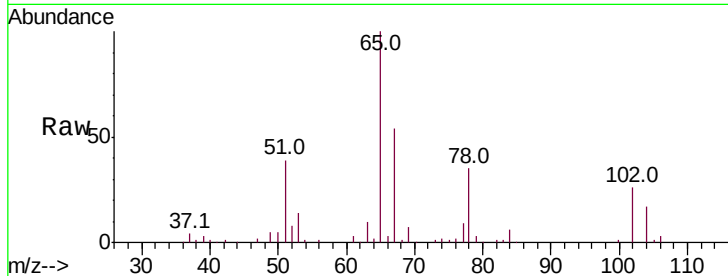
ClientSampleId :

GAQ60

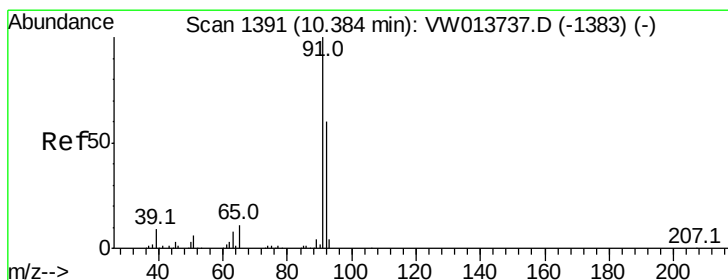
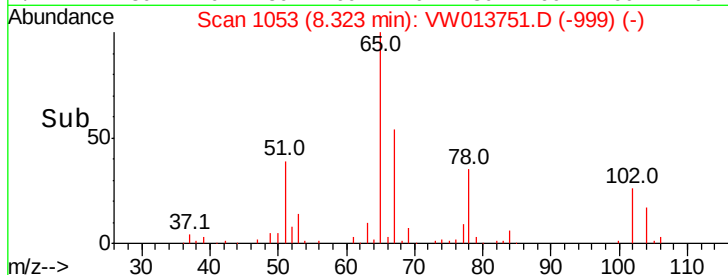
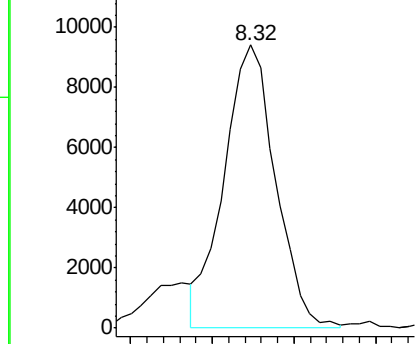
Tgt Ion: 78 Resp: 20738

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10/28/2019 9:41:27 AM



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 1.375 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013751.D

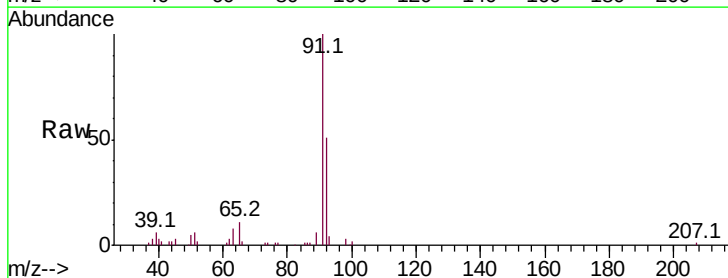
Acq: 25 Oct 2019 16:32

Tgt Ion: 91 Resp: 20832

Ion Ratio Lower Upper

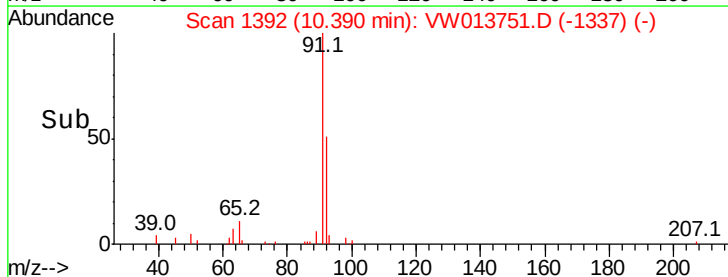
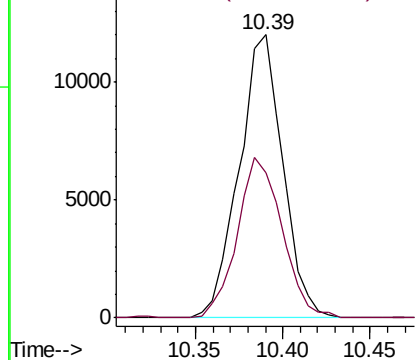
91 100

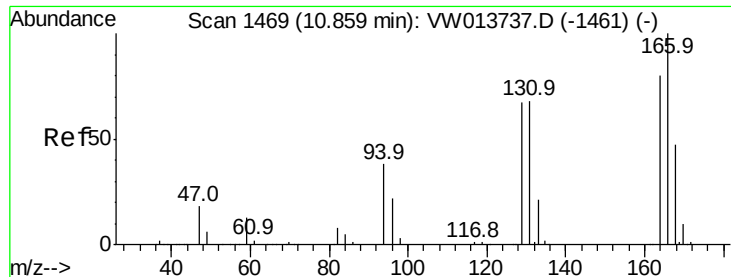
92 51.4 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 1.571 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013751.D

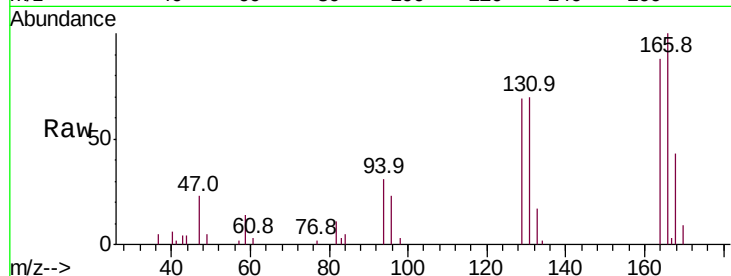
Acq: 25 Oct 2019 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAQ60



Tot Ion:164 Resp: 5204

Ion Ratio Lower Upper

164 100

129 78.0 61.8 114.8

131 80.1 59.2 110.0

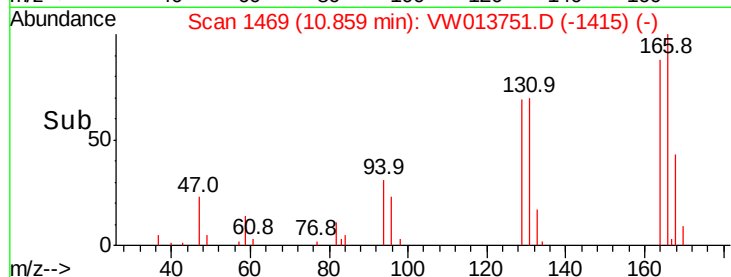
166 113.7 89.2 165.8

Manual Integrations

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10/28/2019 9:41:27 AM



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

