

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013791.D
 Acq On : 29 Oct 2019 14:16
 Operator : SY/VA
 Sample : K5552-06
 Misc : 7.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ79

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 11:11:35 AM

Quant Time: Oct 30 06:32:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	111161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	109594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52742	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39004	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
7) Chloroethane-d5	2.89	69	31451	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	4.01	63	60096	19.95	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.08	46	32398	66.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.84%
24) Chloroform-d	7.65	84	77369	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.31	65	46064	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.27	84	163620	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.27	67	50075	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.32	98	145073	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	10.58	79	21577	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	10.93	63	28816	76.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54730	33.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47949	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds					Ovalue
13) Acetone	4.12	43	23882	44.112 ug/L	95
21) 2-Butanone	7.19	43	6067m	8.826 ug/L	
47) Tetrachloroethene	10.86	164	4907	2.657 ug/L	93

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

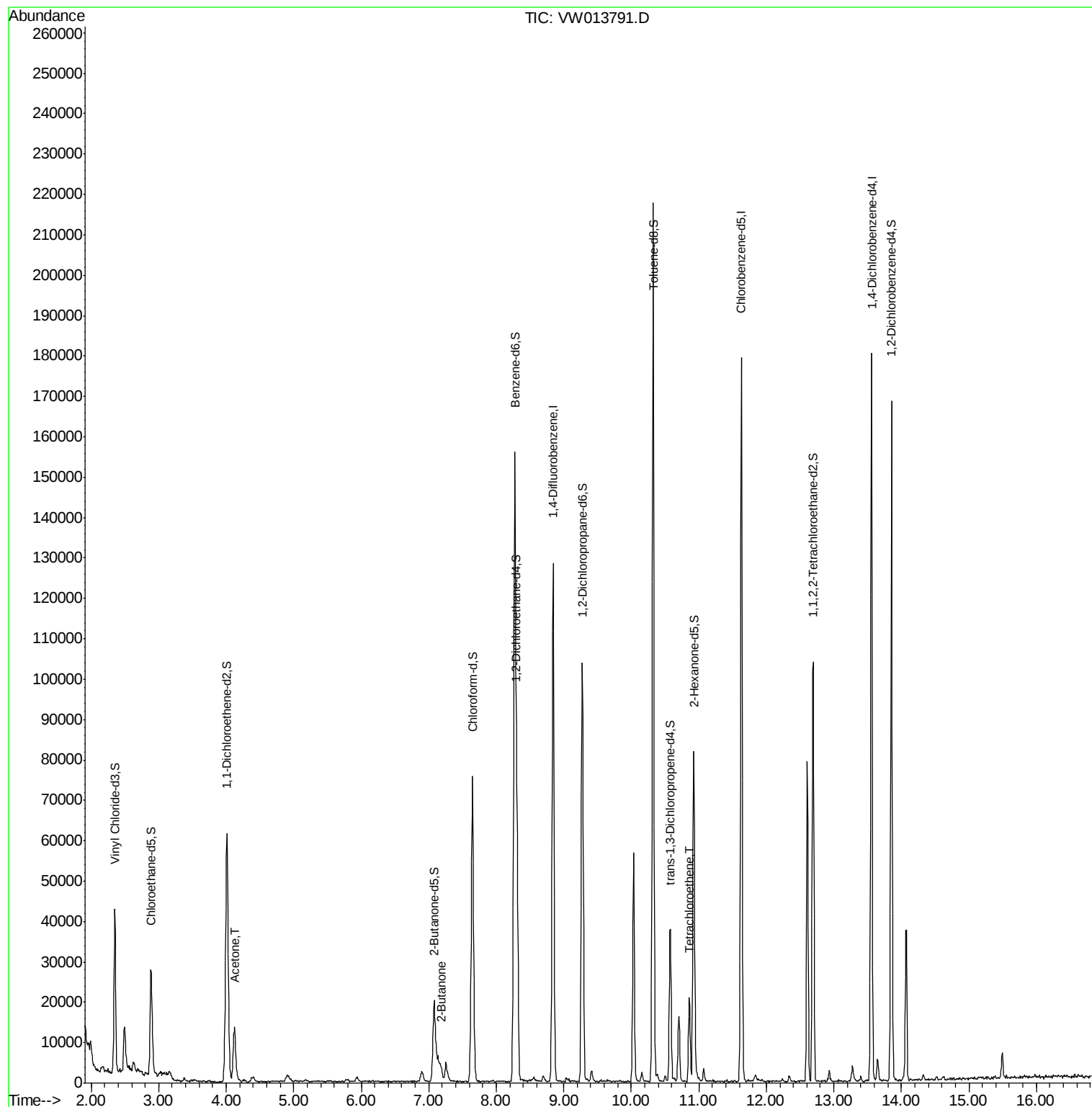
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102919\
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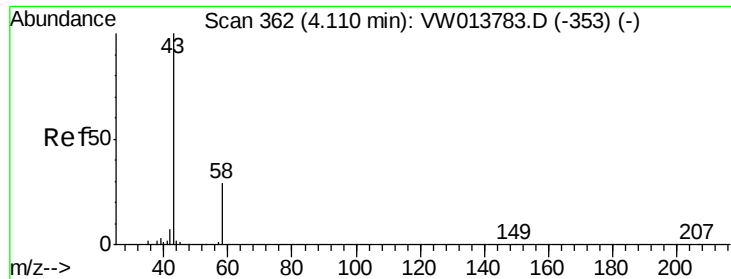
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#13

Acetone

Concen: 44.112 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013791.D

Acq: 29 Oct 2019 14:16

Instrument :

MSVOA_W

ClientSampleId :

GAQ79

Tot Ion: 43 Resp: 23882

Ion Ratio Lower Upper

43 100

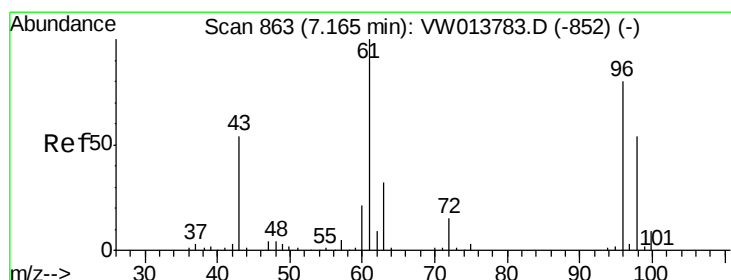
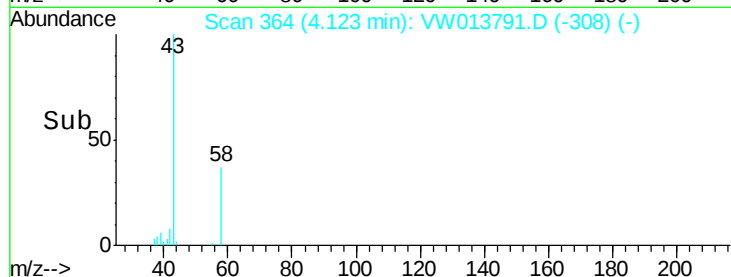
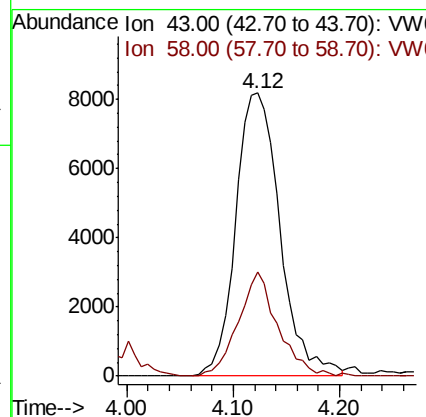
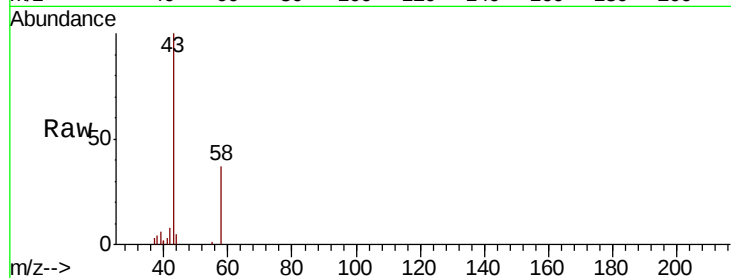
58 32.3 0.0 70.4

Manual Integrations

APPROVED

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10/30/2019 11:11:35 AM



#21

2-Butanone

Concen: 8.826 ug/L m

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW013791.D

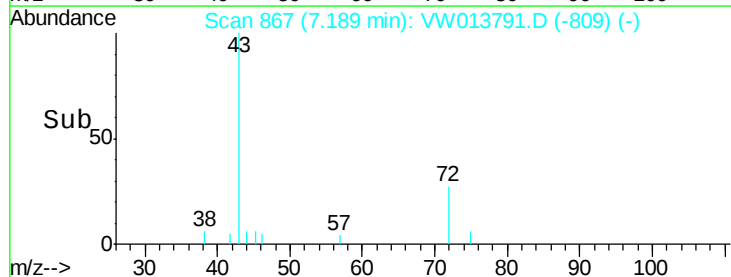
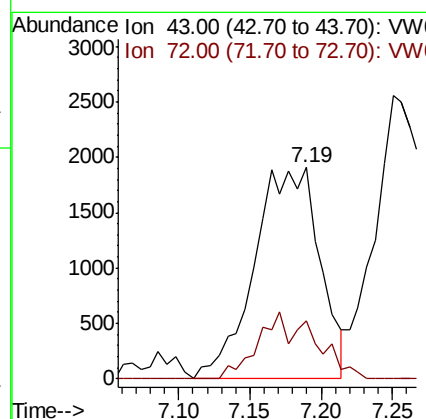
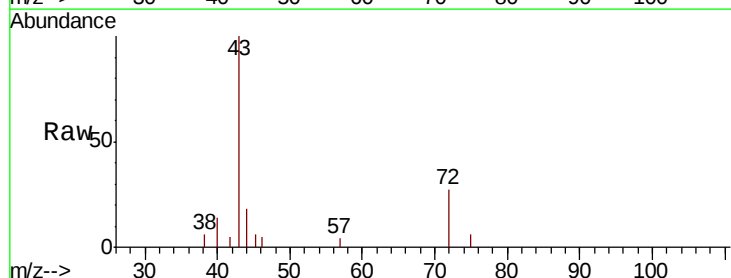
Acq: 29 Oct 2019 14:16

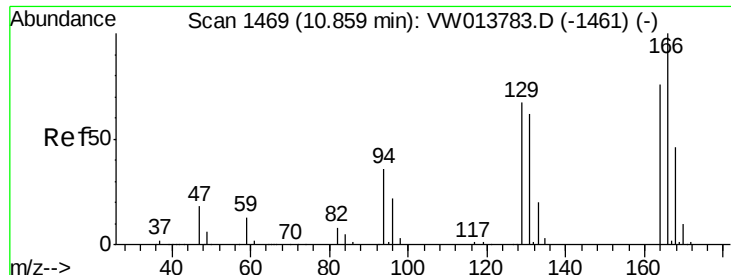
Tgt Ion: 43 Resp: 6067

Ion Ratio Lower Upper

43 100

72 14.7 13.7 41.1





#47

Tetrachloroethene

Concen: 2.657 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013791.D

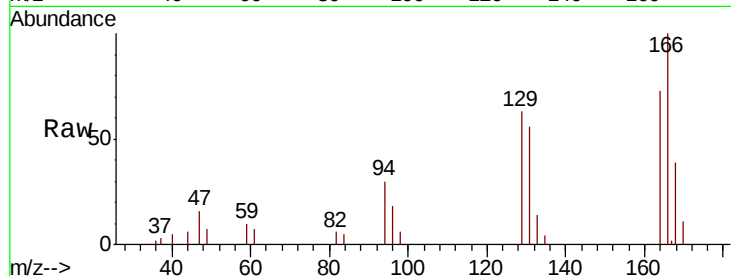
Acq: 29 Oct 2019 14:16

Instrument :

MSVOA_W

ClientSampleId :

GAQ79



Tot Ion:164 Resp: 4907

Ion Ratio Lower Upper

164 100

129 85.1 61.8 114.8

131 75.7 59.2 110.0

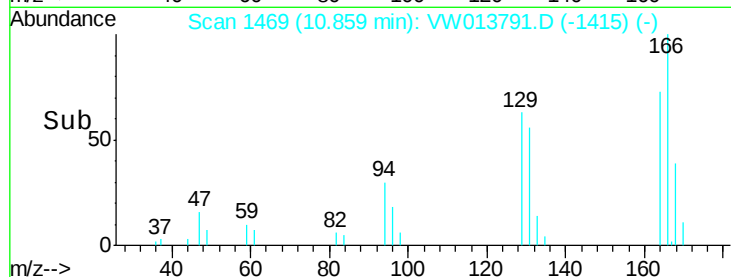
166 136.1 89.2 165.8

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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

