

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009732.D
 Acq On : 05 Apr 2019 15:02
 Operator : SY/VA
 Sample : K2148-19RE
 Misc : 4.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5G6RE

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:02 AM

Quant Time: Apr 06 04:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	31949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	49045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	20994	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	2923m	6.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	27.96%#
7) Chloroethane-d5	2.89	69	5937m	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
10) 1,1-Dichloroethene-d2	4.01	63	5605	6.23	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.92%#
20) 2-Butanone-d5	7.07	46	1121	8.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.52%#
24) Chloroform-d	7.65	84	44722	51.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	205.20%#
26) 1,2-Dichloroethane-d4	8.31	65	69709	130.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	520.96%#
29) Benzene-d6	8.27	84	55303	21.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.92%
33) 1,2-Dichloropropane-d6	9.27	67	38809	48.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	195.20%#
37) Toluene-d8	10.32	98	41110	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.08%
38) trans-1,3-Dichloropropene-	10.59	79	2384	6.29	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	25.16%#
39) 2-Hexanone-d5	10.92	63	532	3.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.10%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73935	100.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	400.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26155	35.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	142.00%#

Target Compounds					Ovalue
13) Acetone	4.12	43	21890	150.507 ug/L	98
16) Methylene chloride	4.92	84	25317m	44.931 ug/L	
21) 2-Butanone	7.15	43	18977m	102.592 ug/L	
44) Toluene	10.40	91	3412	1.092 ug/L	80

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

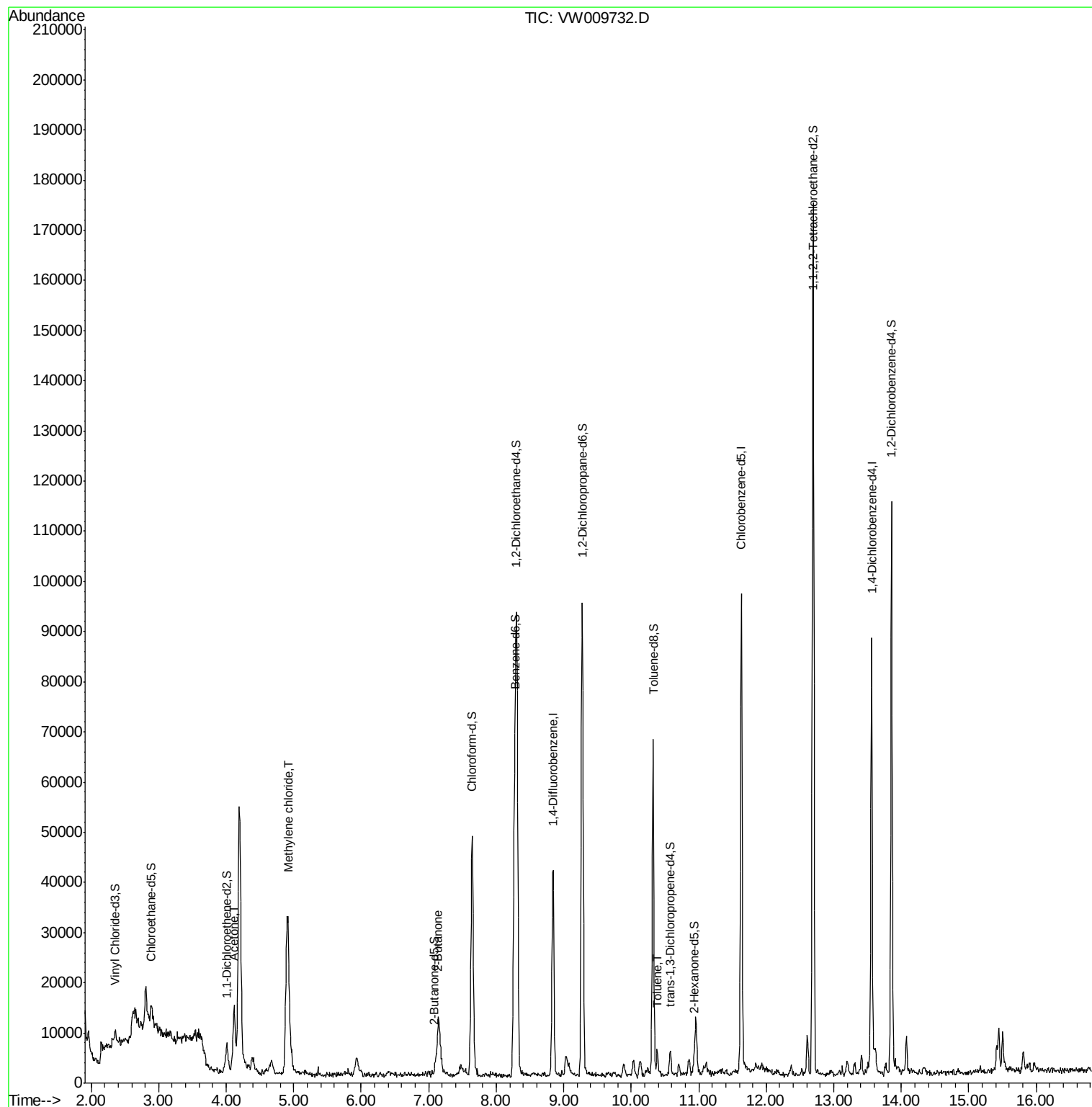
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
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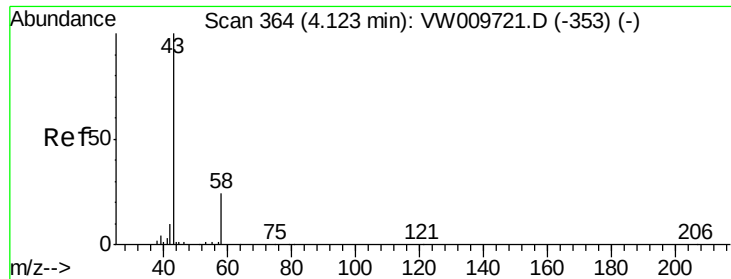
Instrument :
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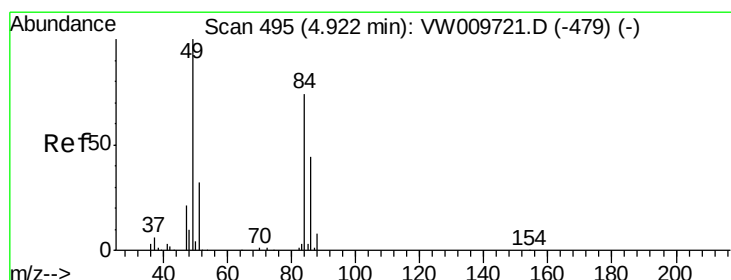
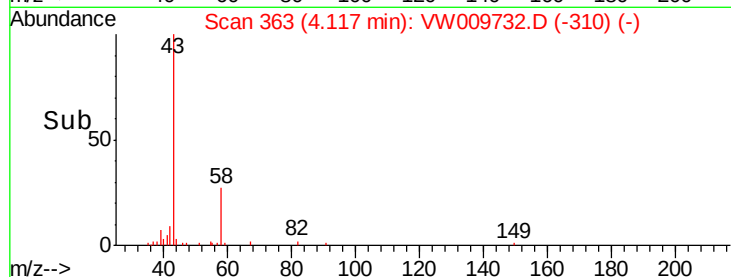
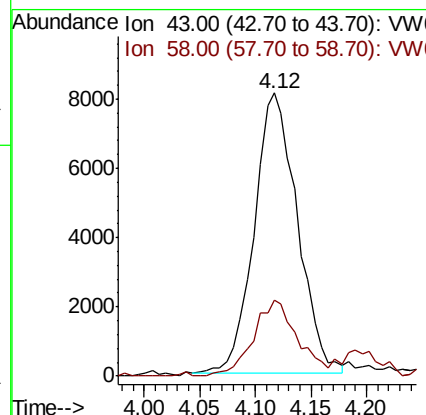
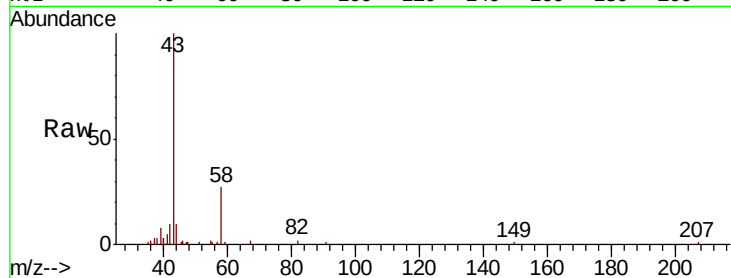
#13
Acetone
Concen: 150.507 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009732.D
Acq: 05 Apr 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
BF5G6RE

Tot Ion	43	Resp	21890
Ion Ratio	100	Lower	Upper
58	27.8	0.0	53.0

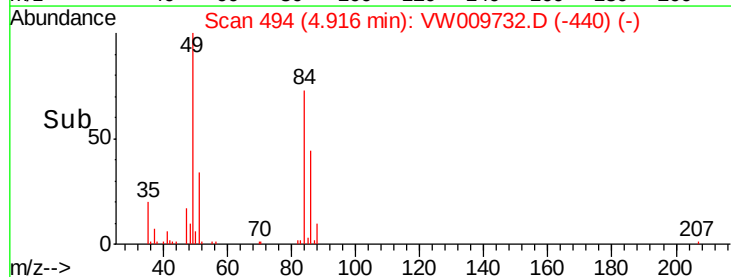
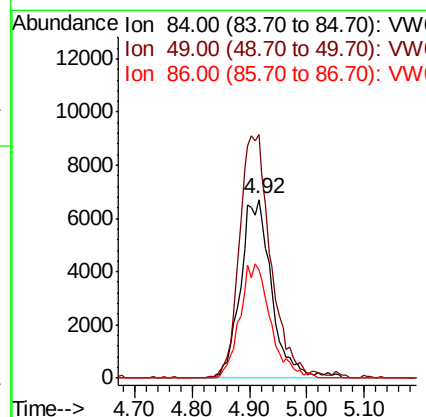
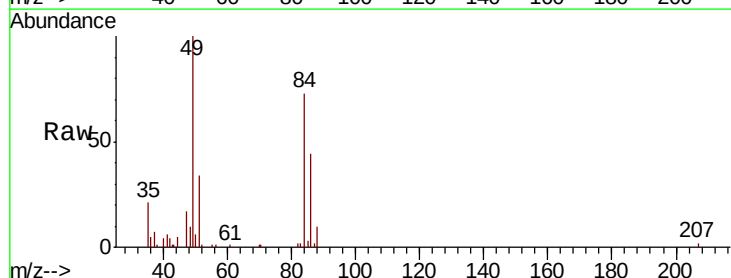
Manual Integrations
APPROVED

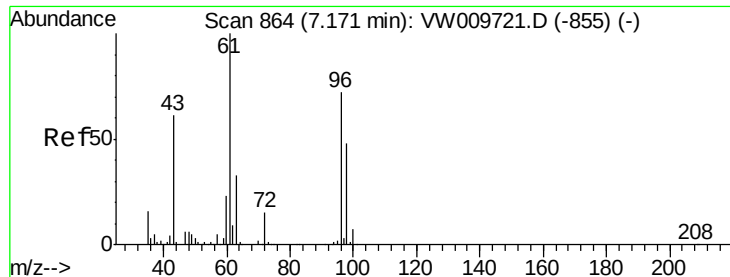
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4/8/2019 3:33:02 AM



#16
Methylene chloride
Concen: 44.931 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009732.D
Acq: 05 Apr 2019 15:02

Tgt Ion	84	Resp	25317
Ion Ratio	100	Lower	Upper
49	136.5	98.3	182.5
86	60.3	46.4	86.2





#21

2-Butanone

Concen: 102.592 ug/L m

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009732.D

Acq: 05 Apr 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

BF5G6RE

Tot Ion: 43 Resp: 18977

Ion Ratio Lower Upper

43 100

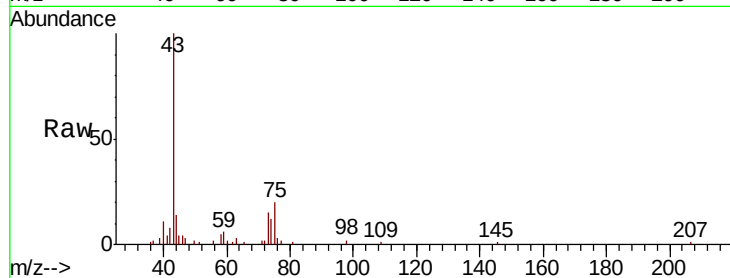
72 0.3 12.0 36.1#

Manual Integrations

APPROVED

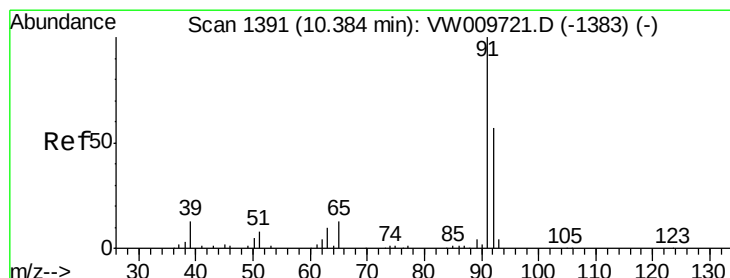
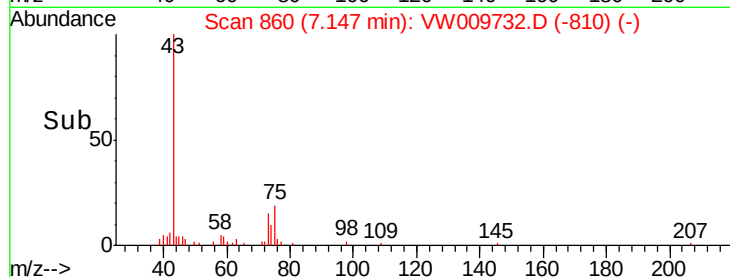
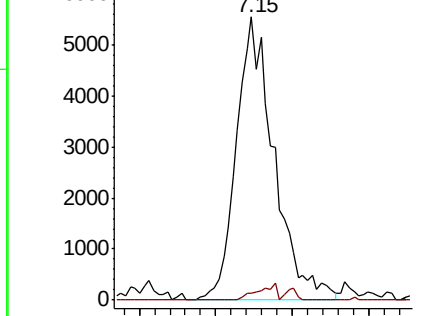
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#44

Toluene

Concen: 1.092 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW009732.D

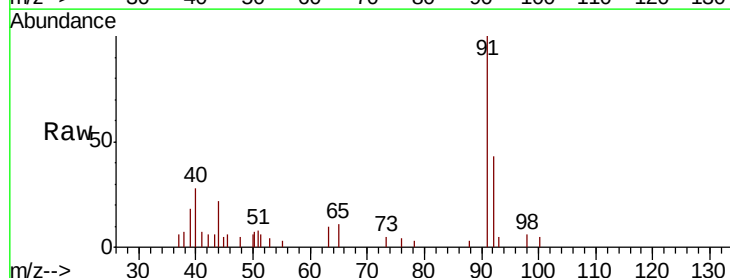
Acq: 05 Apr 2019 15:02

Tgt Ion: 91 Resp: 3412

Ion Ratio Lower Upper

91 100

92 42.7 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

