

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009731.D
 Acq On : 05 Apr 2019 14:35
 Operator : SY/VA
 Sample : K2246-19
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2Q7

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:00 AM

Quant Time: Apr 05 15:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	490765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479692	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	181249	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
7) Chloroethane-d5	2.89	69	169327	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.12%
10) 1,1-Dichloroethene-d2	4.01	63	307050	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.92%
20) 2-Butanone-d5	7.07	46	115701	55.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.98%
24) Chloroform-d	7.65	84	385757	28.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.24%
26) 1,2-Dichloroethane-d4	8.30	65	245510	29.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.44%
29) Benzene-d6	8.27	84	736309	29.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.96%
33) 1,2-Dichloropropane-d6	9.27	67	226106	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.32	98	673721	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.76%
38) trans-1,3-Dichloropropene-	10.58	79	102007	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.00%
39) 2-Hexanone-d5	10.92	63	81384	55.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	197055	27.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	229910	30.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.08%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	5460m	2.444	ug/L
16) Methylene chloride	4.91	84	18781	2.170	ug/L
47) Tetrachloroethene	10.86	164	434533	73.047	ug/L

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

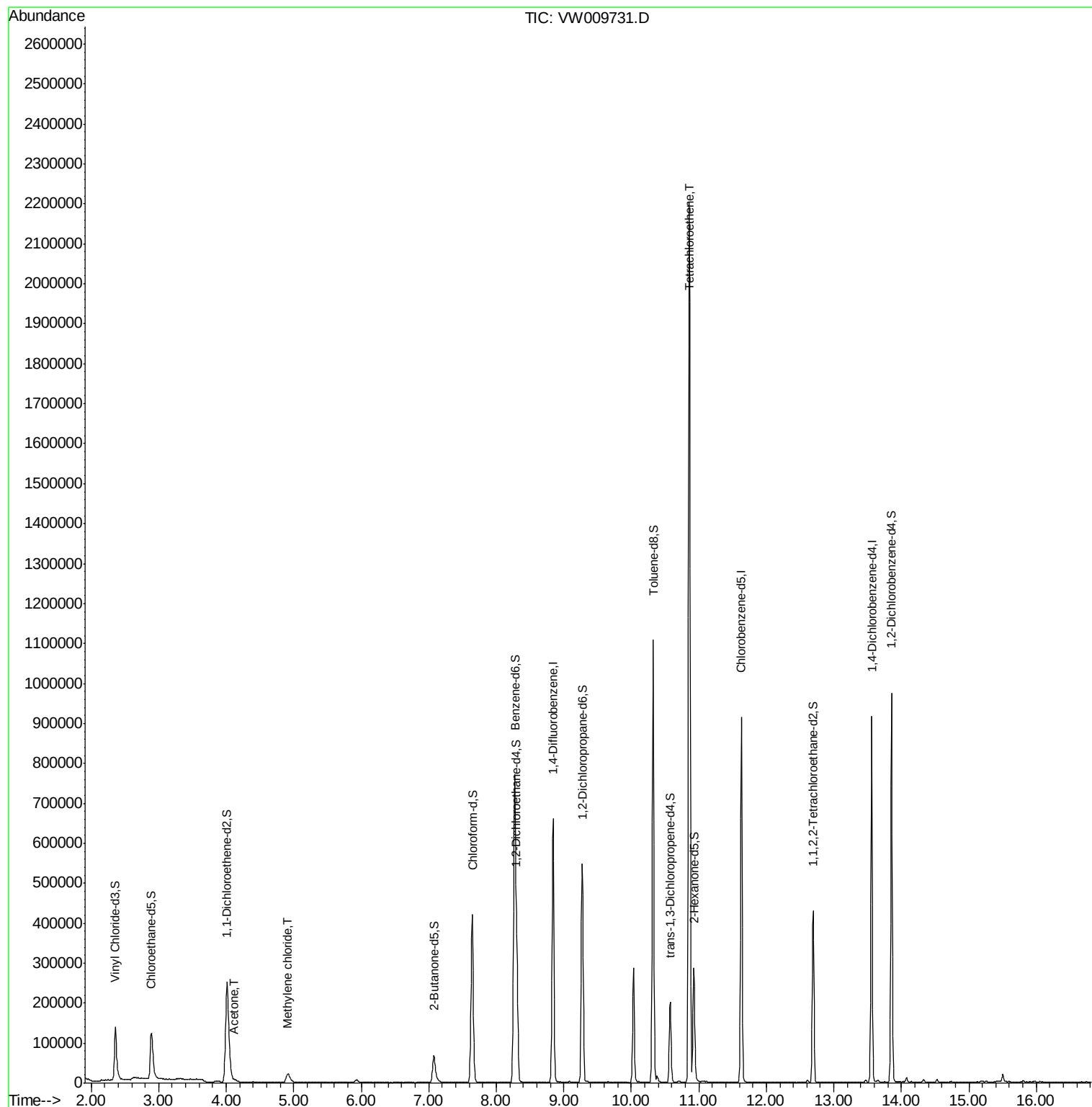
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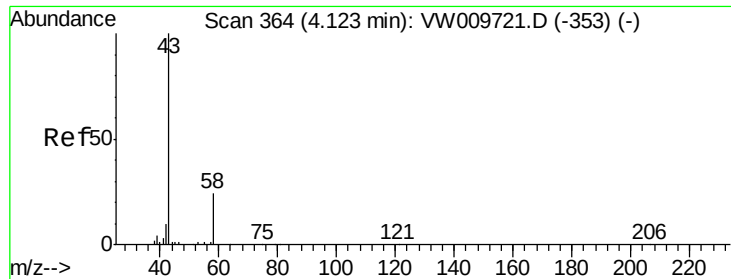
Instrument :
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#13

Acetone

Concen: 2.444 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009731.D

Acq: 05 Apr 2019 14:35

Instrument :

MSVOA_W

ClientSampled :

BF2Q7

Tot Ion: 43 Resp: 5460

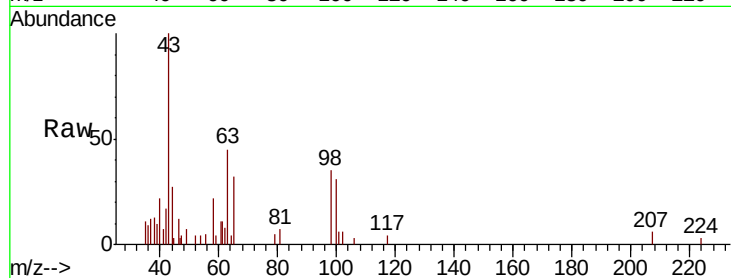
Ion Ratio Lower Upper

43 100

58 25.1 0.0 53.0

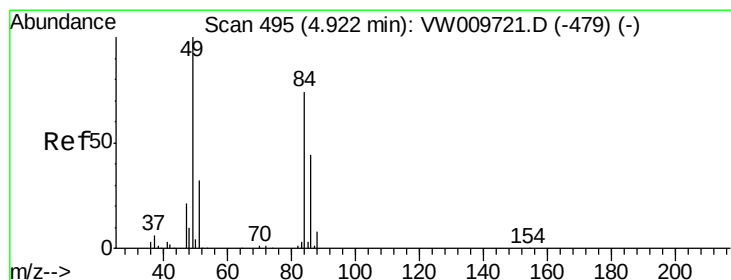
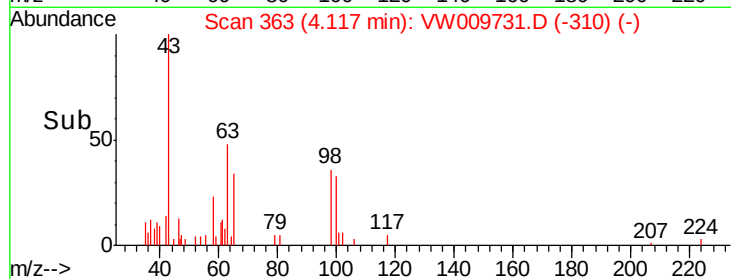
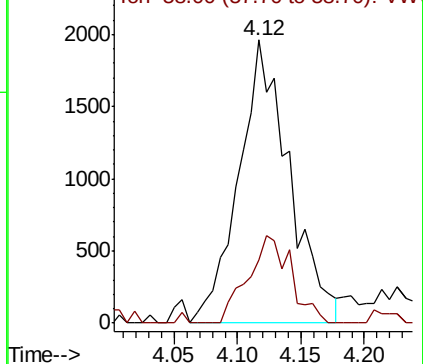
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.170 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009731.D

Acq: 05 Apr 2019 14:35

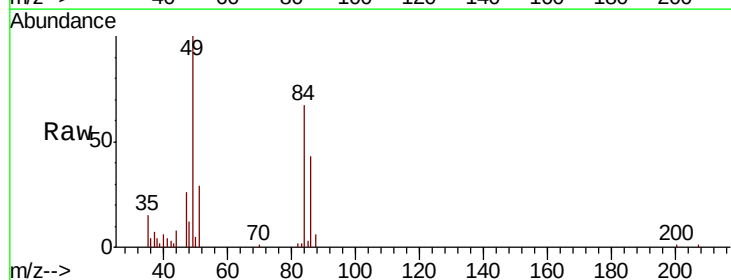
Tgt Ion: 84 Resp: 18781

Ion Ratio Lower Upper

84 100

49 149.9 98.3 182.5

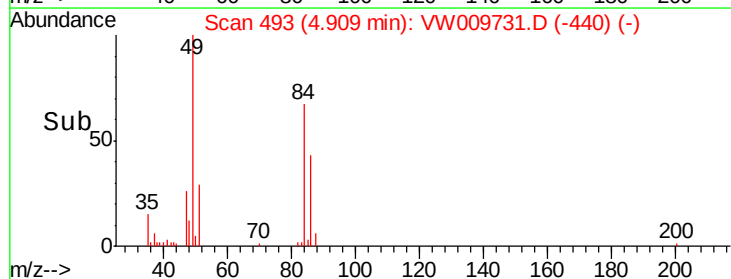
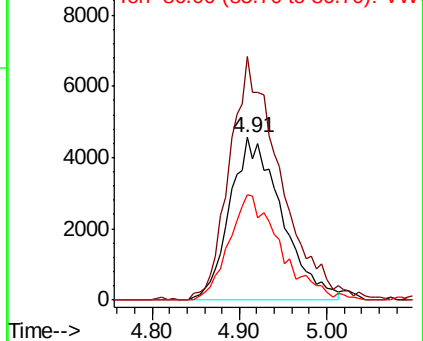
86 65.1 46.4 86.2

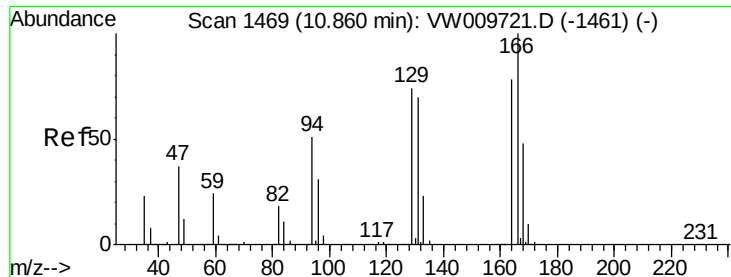


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47
 Tetrachloroethene
 Concen: 73.047 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW009731.D
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	434533		
129	94.9	68.9	127.9	
131	89.7	63.1	117.1	
166	127.4	88.5	164.4	

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