

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004428.D
 Acq On : 03 Aug 2018 05:22
 Operator : SY/AP
 Sample : J4268-02
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA3

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 5:18:34 PM

Quant Time: Aug 03 06:41:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	62982	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	56296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	20146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14957	19.09	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	2.89	69	19781	30.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.08%
10) 1,1-Dichloroethene-d2	4.01	63	21923	13.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.10	46	4256m	12.32	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.64%
24) Chloroform-d	7.65	84	62000	36.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	145.44%
26) 1,2-Dichloroethane-d4	8.31	65	51617	54.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	217.20%#
29) Benzene-d6	8.28	84	82404	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.28	67	45587	46.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	186.32%#
37) Toluene-d8	10.33	98	51174	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.52%
38) trans-1,3-Dichloropropene-	10.59	79	6526	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.84%
39) 2-Hexanone-d5	10.93	63	2475	10.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64416	60.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	242.76%#
61) 1,2-Dichlorobenzene-d4	13.87	152	21496	28.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.64%

Target Compounds					Qvalue
15) Methyl Acetate	4.68	43	2663	4.366 ug/L	99
16) Methylene chloride	4.91	84	5975	4.776 ug/L	81

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

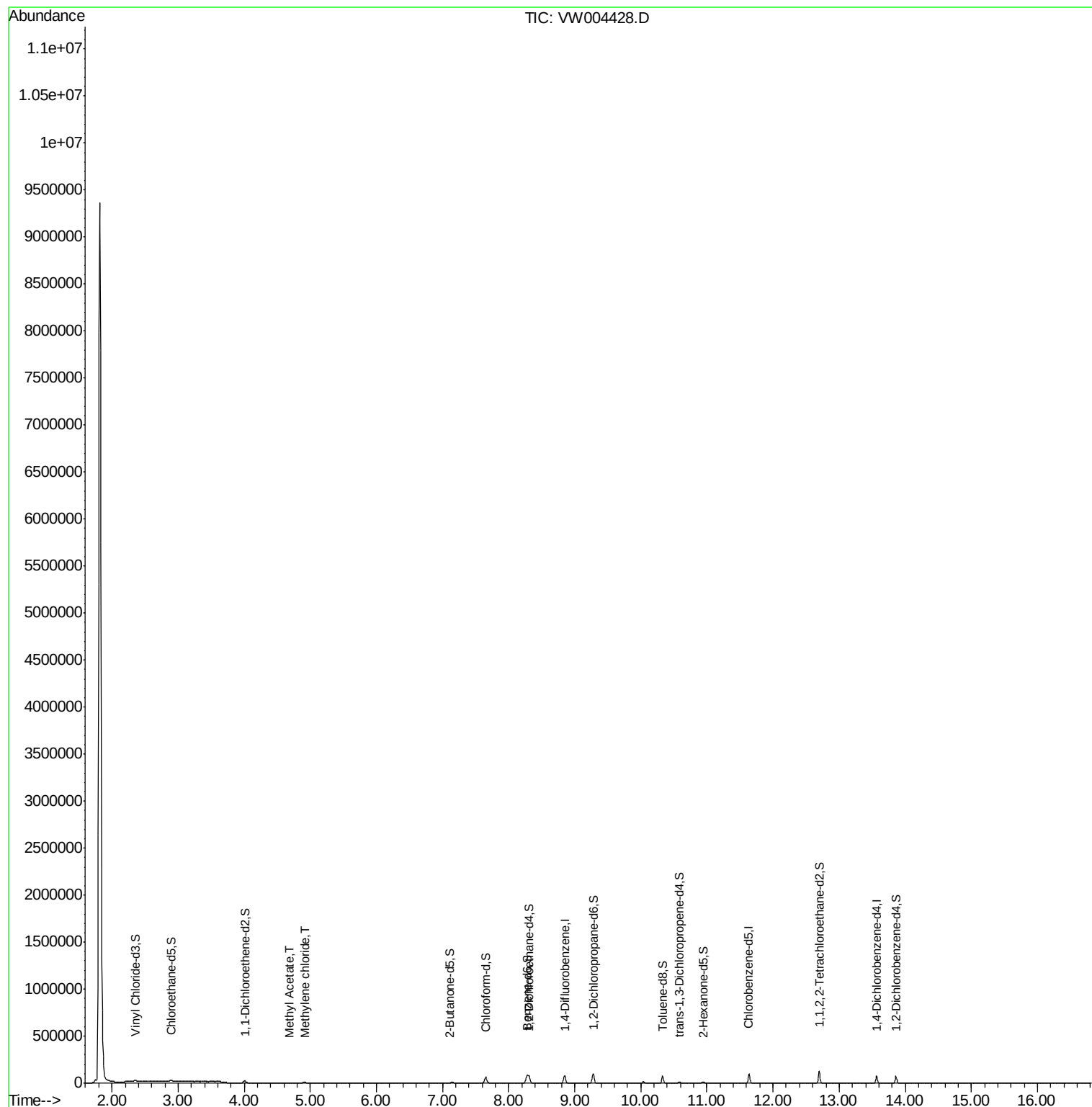
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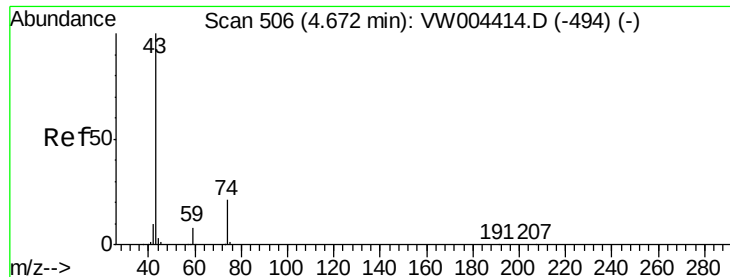
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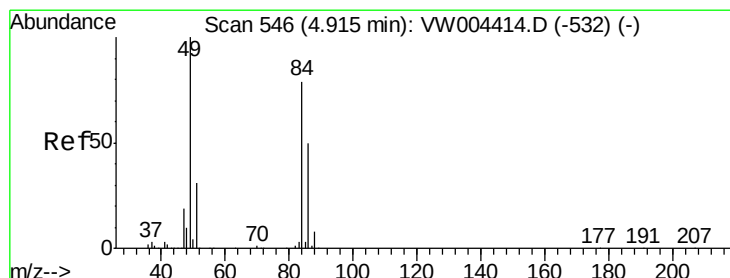
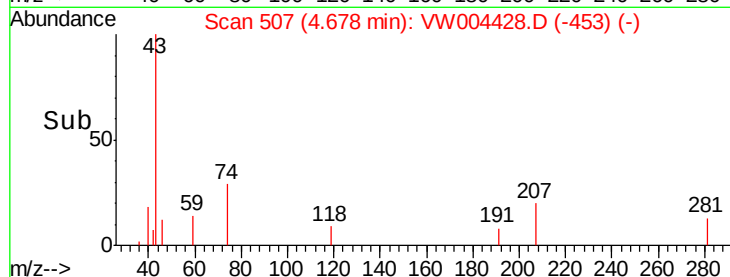
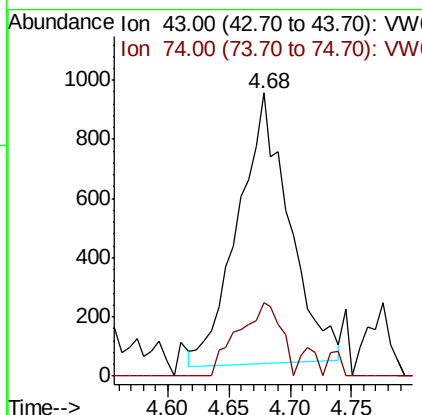
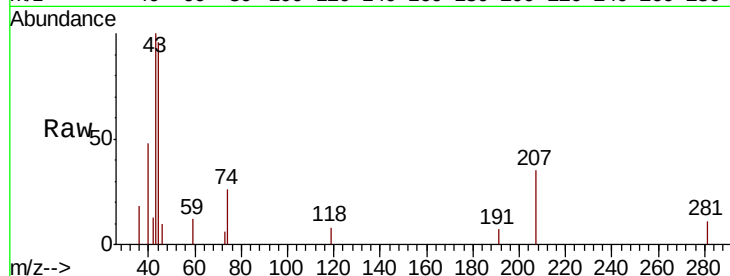
#15
Methyl Acetate
Concen: 4.366 ug/L
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
C0AA3

Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0

Manual Integrations
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#16
Methylene chloride
Concen: 4.776 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004428.D
Acq: 03 Aug 2018 05:22

Tgt Ion: 84 Resp: 5975
Ion Ratio Lower Upper
84 100
49 97.4 86.0 159.6
86 52.1 43.5 80.9

