

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004434.D
 Acq On : 03 Aug 2018 07:57
 Operator : SY/AP
 Sample : J4299-01
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 5:19:00 PM

Quant Time: Aug 03 09:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 08:39:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	812505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	813766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	306281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	321583	31.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.28%
7) Chloroethane-d5	2.89	69	258334	30.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.56%
10) 1,1-Dichloroethene-d2	4.01	63	436015m	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.00%
20) 2-Butanone-d5	7.10	46	105272	23.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.26%
24) Chloroform-d	7.65	84	587369	26.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	8.31	65	326878	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
29) Benzene-d6	8.28	84	1122970	25.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.76%
33) 1,2-Dichloropropane-d6	9.28	67	374561	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.33	98	940808	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	116537	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	10.93	63	78101	22.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	300534	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	312447	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds					Qvalue
16) Methylene chloride	4.91	84	33781m	2.093	ug/L
35) Trichloroethene	9.09	95	220136	17.443	ug/L
47) Tetrachloroethene	10.87	164	31781	3.183	ug/L

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

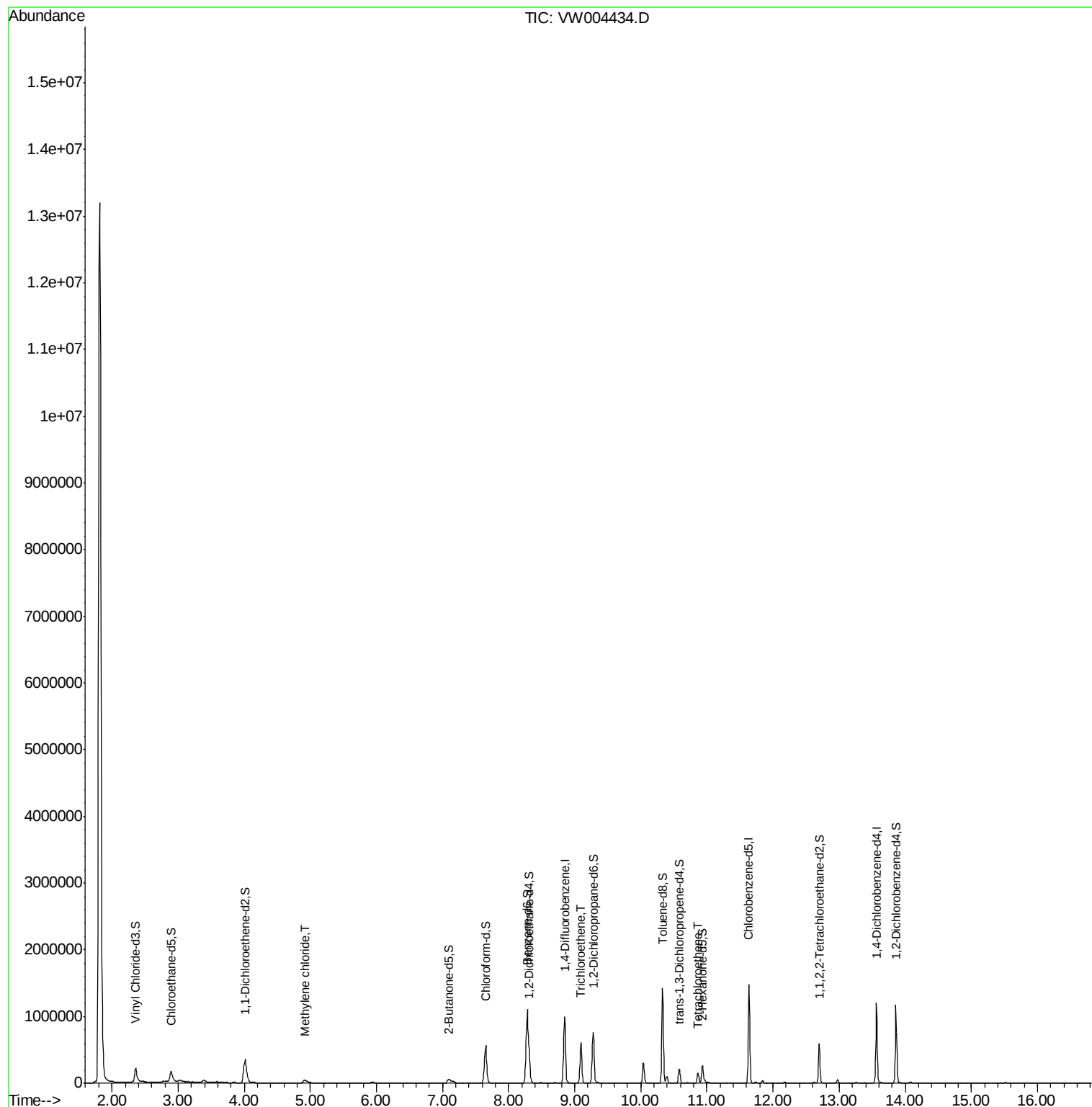
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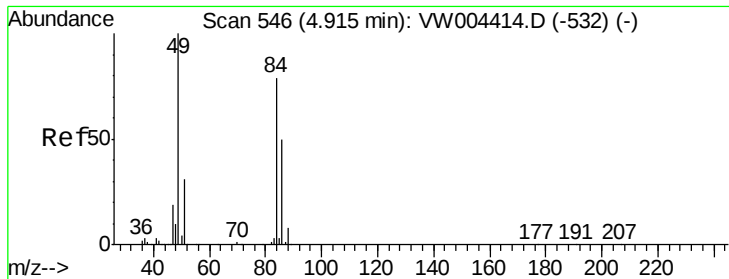
Instrument :
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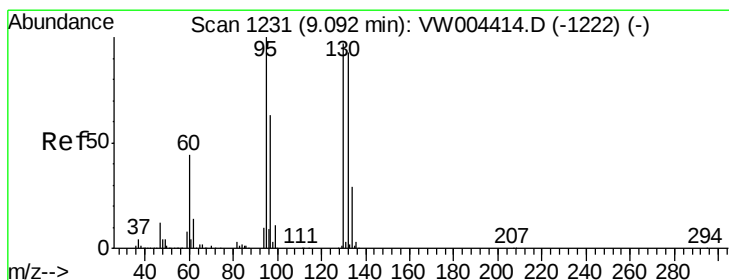
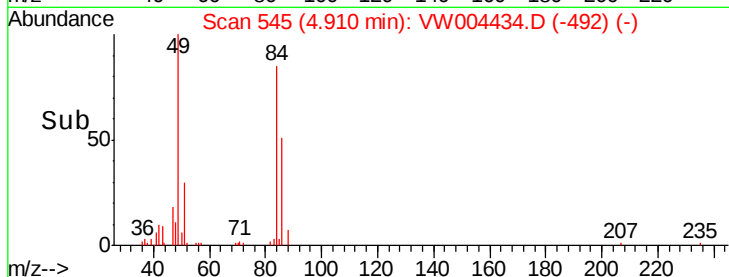
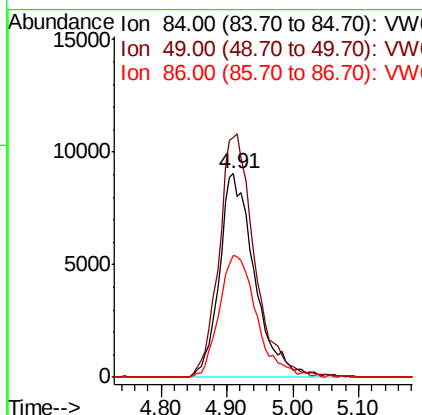
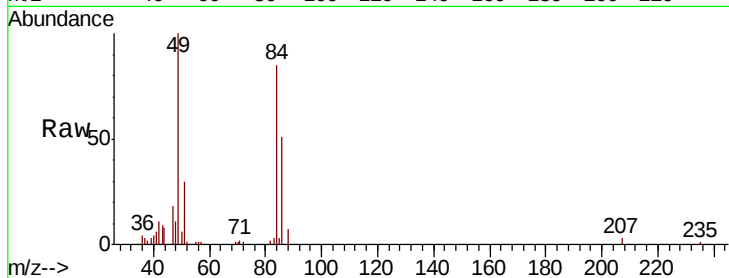
#16
Methylene chloride
Concen: 2.093 ug/L m
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004434.D
Acq: 03 Aug 2018 07:57

Instrument :
MSVOA_W
ClientSampleId :
C0AD8

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	86.0	159.6
86	59.7	43.5	80.9

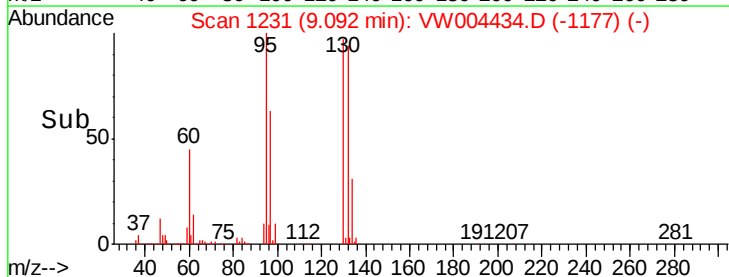
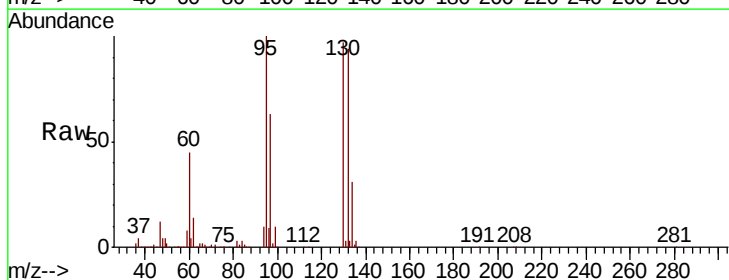
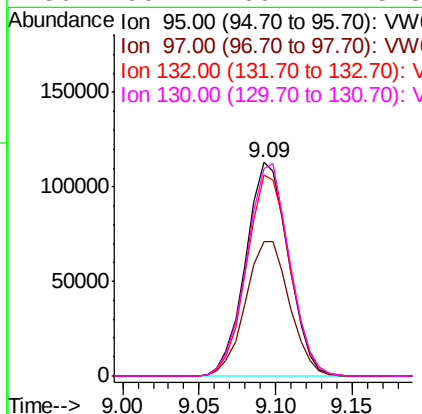
Manual Integrations
APPROVED

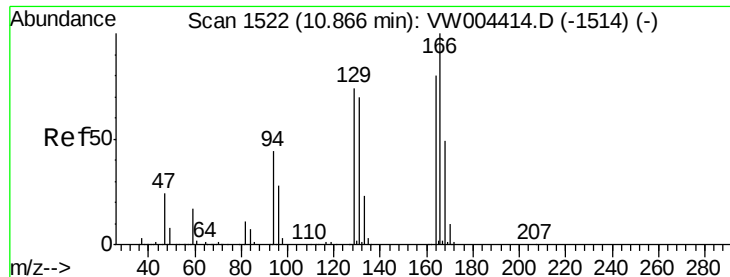
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#35
Trichloroethene
Concen: 17.443 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW004434.D
Acq: 03 Aug 2018 07:57

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.5
132	95.5	67.6	125.6
130	99.7	69.1	128.3





#47

Tetrachloroethene

Concen: 3.183 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004434.D

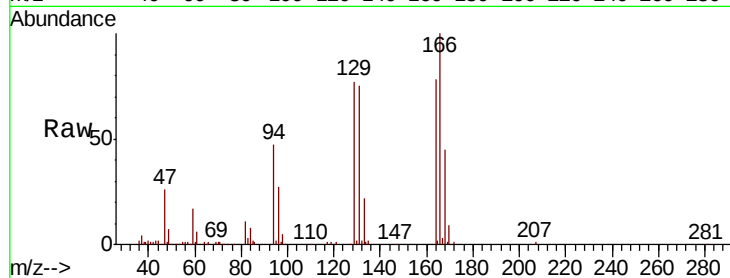
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Tgt Ion:164 Resp: 31781

Ion Ratio Lower Upper

164 100

129 99.1 65.4 121.4

131 96.1 63.8 118.6

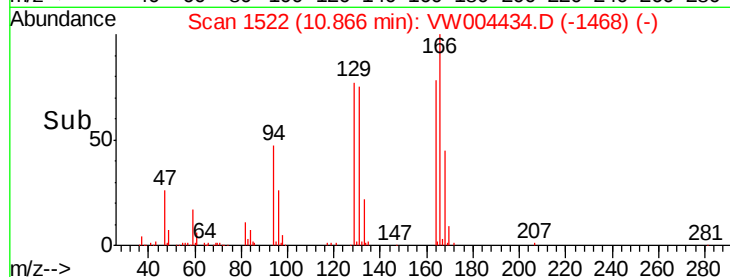
166 128.3 88.1 163.5

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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

