

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004441.D
 Acq On : 03 Aug 2018 11:51
 Operator : SY/AP
 Sample : J4334-02
 Misc : 5.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY65

Quant Time: Aug 04 01:27:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 01:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	834791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	782424	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	250167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	366036	35.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.00%
7) Chloroethane-d5	2.89	69	288682	33.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.20%
10) 1,1-Dichloroethene-d2	4.01	63	501426	23.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.12%
20) 2-Butanone-d5	7.09	46	170276	37.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.38%
24) Chloroform-d	7.65	84	647592	28.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.64%
26) 1,2-Dichloroethane-d4	8.31	65	356593	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.20%
29) Benzene-d6	8.27	84	1245548	29.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.68%
33) 1,2-Dichloropropane-d6	9.28	67	406895	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.33	98	1031105	28.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.40%
38) trans-1,3-Dichloropropene-	10.58	79	134793	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	10.93	63	126136	38.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	327443	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	286426	30.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.92%#

Target Compounds

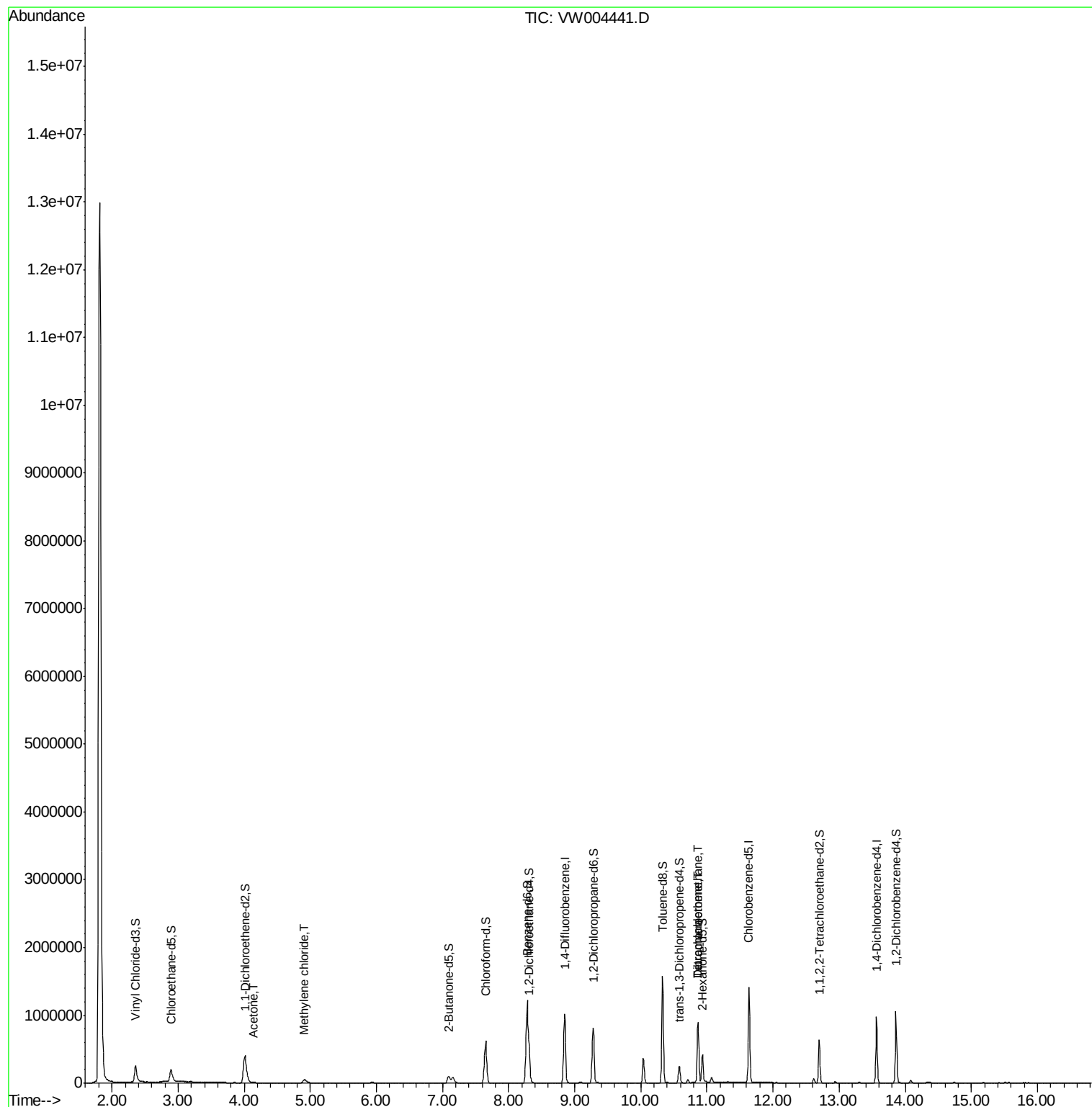
					Qvalue
13) Acetone	4.14	43	8022	2.022 ug/L	69
16) Methylene chloride	4.92	84	45680	2.755 ug/L	98
47) Tetrachloroethene	10.87	164	204515	21.302 ug/L	99
50) Dibromochloromethane	10.87	129	194050	17.611 ug/L #	11

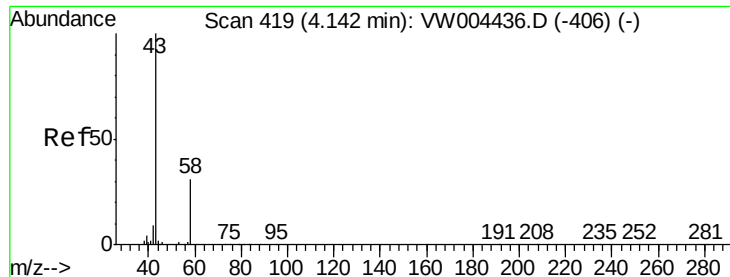
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.022 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.00 min

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Acq: 03 Aug 2018 11:51

Instrument :

MSVOA_W

ClientSampled :

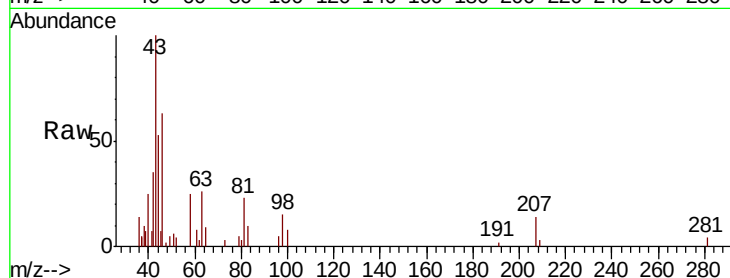
BEY65

Tgt Ion: 43 Resp: 8022

Ion Ratio Lower Upper

43 100

58 15.8 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

1500

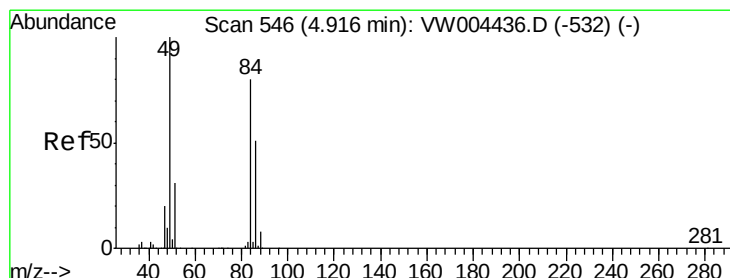
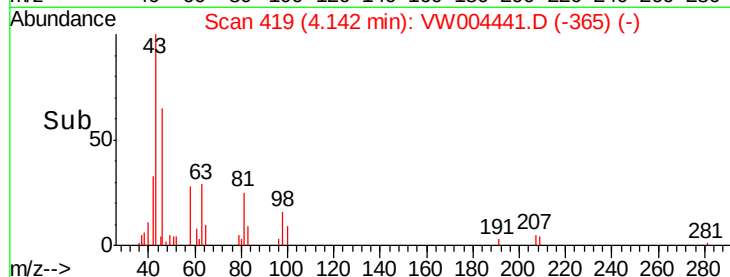
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 2.755 ug/L

RT: 4.92 min Scan# 546

Delta R.T. -0.00 min

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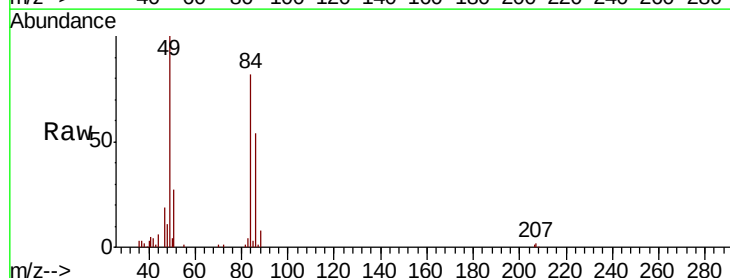
Tgt Ion: 84 Resp: 45680

Ion Ratio Lower Upper

84 100

49 121.8 86.0 159.6

86 65.3 43.5 80.9



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

4.92

20000

15000

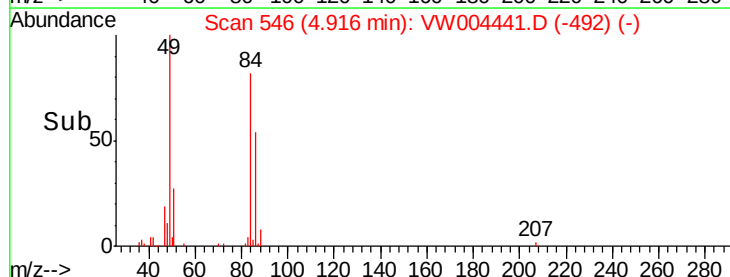
10000

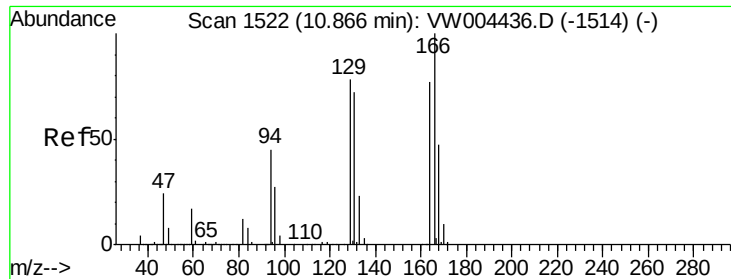
5000

0

4.80 4.90 5.00

Time-->

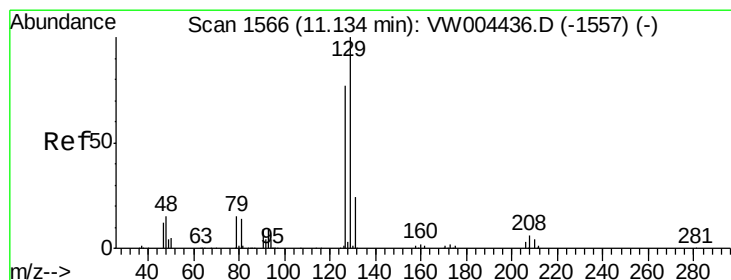
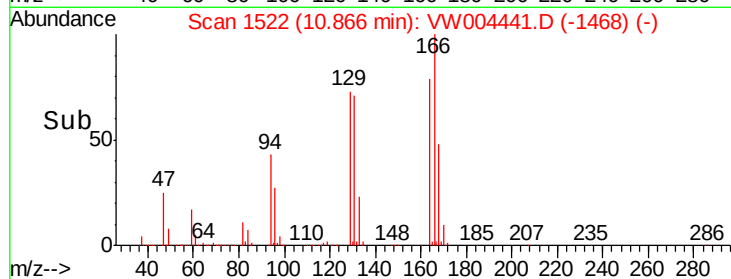
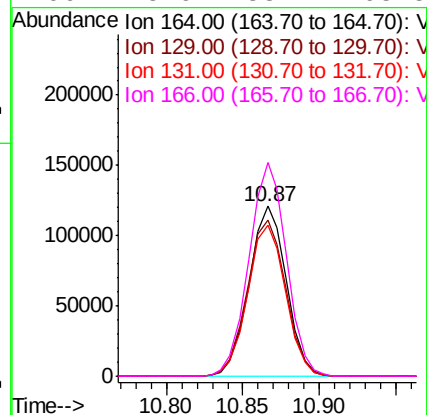
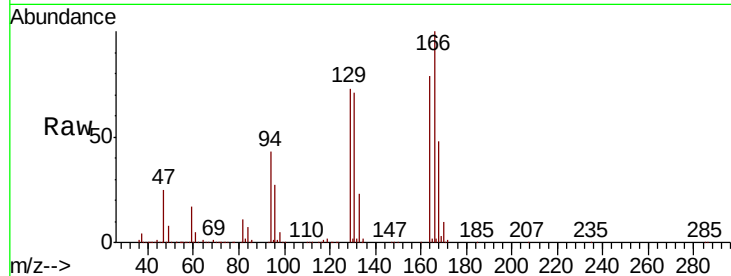




#47
Tetrachloroethene
Concen: 21.302 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.4	121.4
131	89.0	63.8	118.6
166	125.9	88.1	163.5



#50
Dibromochloromethane
Concen: 17.611 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW004441.D
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Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

