

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004440.D
 Acq On : 03 Aug 2018 11:25
 Operator : SY/AP
 Sample : J4334-01
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY64

Quant Time: Aug 04 01:27:14 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	189994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	154715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99601	42.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	168.60%#
7) Chloroethane-d5	2.89	69	80537	40.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	162.04%#
10) 1,1-Dichloroethene-d2	4.01	63	109657	22.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.40%
20) 2-Butanone-d5	7.09	46	47550	45.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.26%
24) Chloroform-d	7.65	84	151925	29.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.16%
26) 1,2-Dichloroethane-d4	8.53	65	81	0.03	ug/L	0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.28	84	284760	34.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.40%#
33) 1,2-Dichloropropane-d6	9.28	67	98131	36.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.92%#
37) Toluene-d8	10.33	98	199497	27.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.96%
38) trans-1,3-Dichloropropene-	10.59	79	25655	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.93	63	24192	36.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.88%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	76376	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	43504	30.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.84%#

Target Compounds

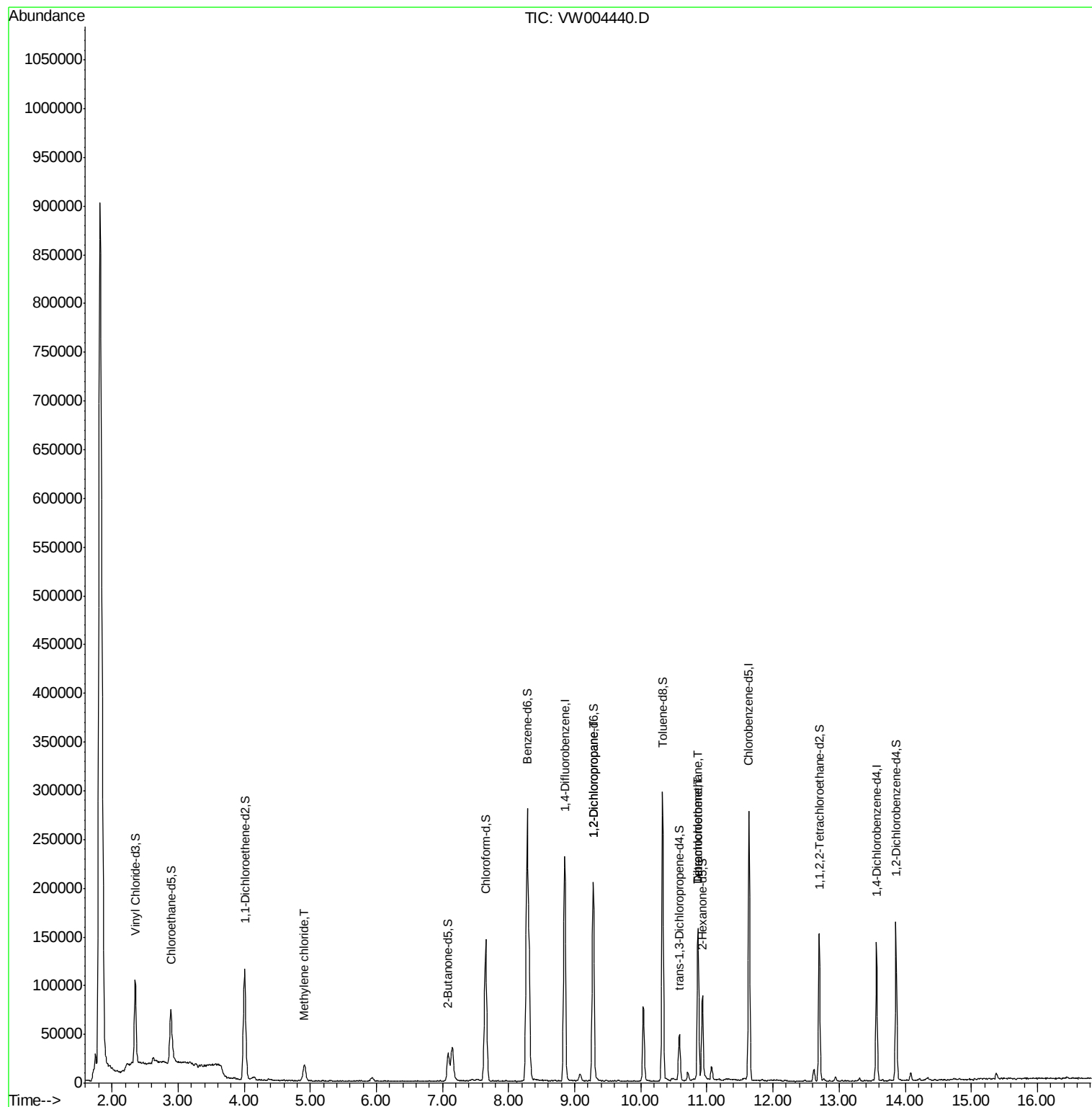
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.92	84	12262	3.249	ug/L	91
40) 1,2-Dichloropropane	9.28	63	10695	4.233	ug/L #	90
47) Tetrachloroethene	10.87	164	34755	18.307	ug/L	98
50) Dibromochloromethane	10.87	129	33501	15.376	ug/L #	11

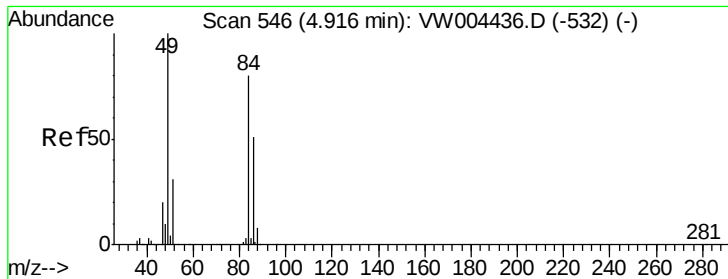
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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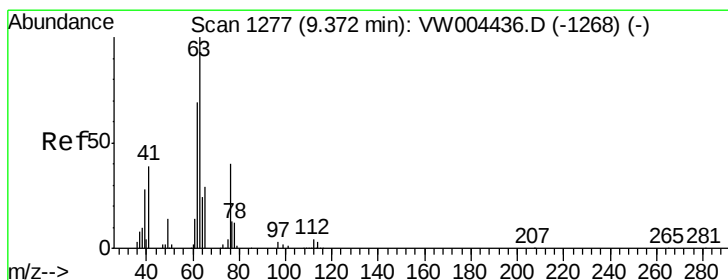
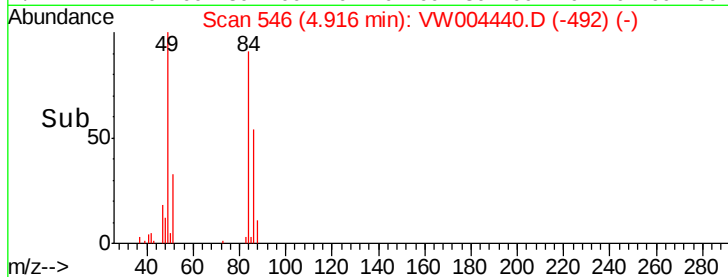
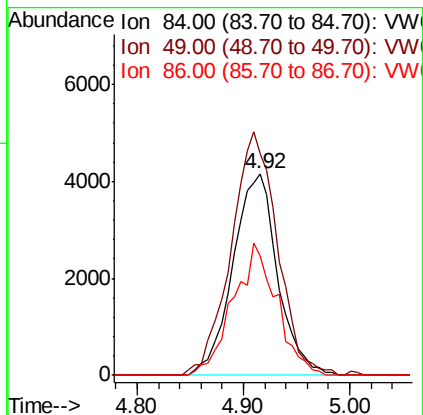
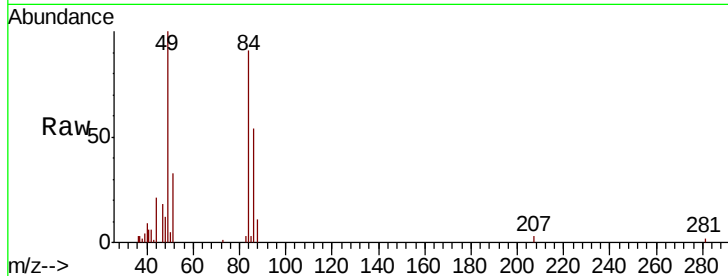




#16
Methylene chloride
Concen: 3.249 ug/L
RT: 4.92 min Scan# 546
Delta R.T. -0.00 min
Lab File: VW004440.D
Acq: 03 Aug 2018 11:25

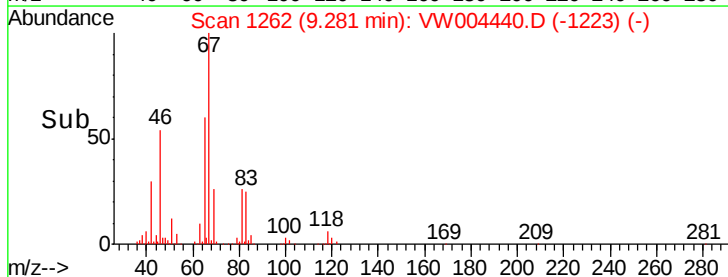
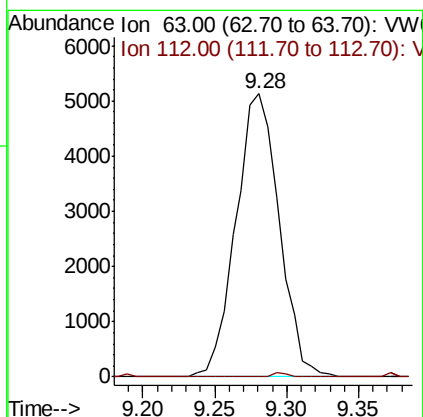
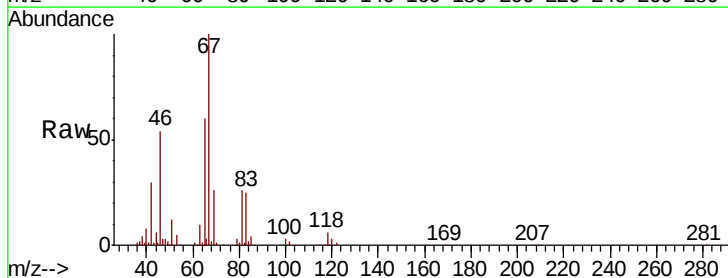
Instrument :
MSVOA_W
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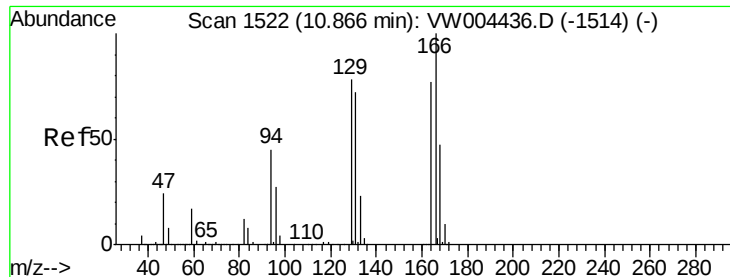
Tgt Ion: 84 Resp: 12262
Ion Ratio Lower Upper
84 100
49 109.9 86.0 159.6
86 59.2 43.5 80.9



#40
1,2-Dichloropropane
Concen: 4.233 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004440.D
Acq: 03 Aug 2018 11:25

Tgt Ion: 63 Resp: 10695
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#





#47

Tetrachloroethene

Concen: 18.307 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004440.D

Acq: 03 Aug 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

BEY64

Tgt Ion:164 Resp: 34755

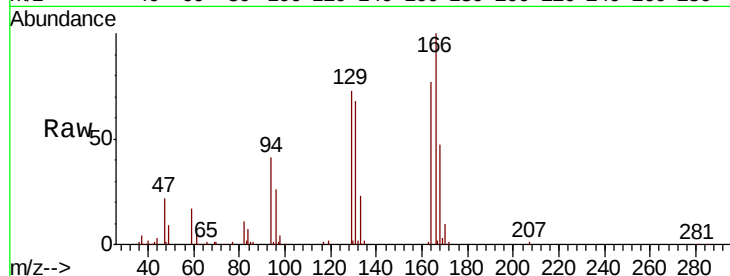
Ion Ratio Lower Upper

164 100

129 94.2 65.4 121.4

131 88.9 63.8 118.6

166 130.0 88.1 163.5



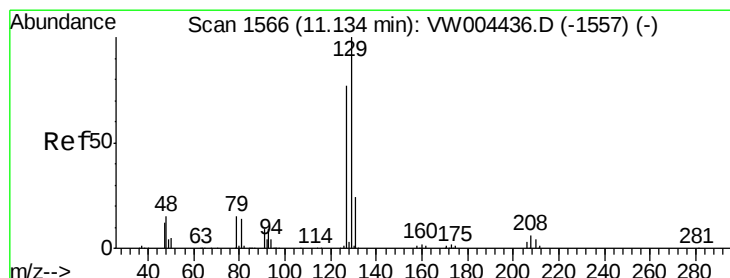
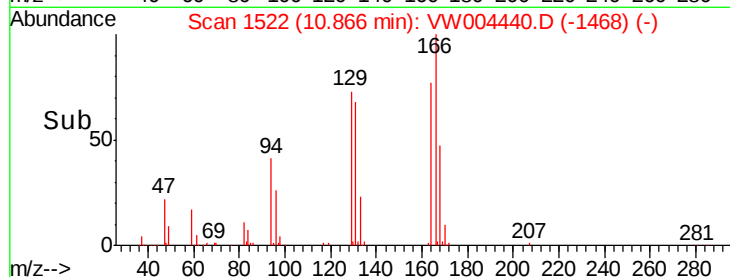
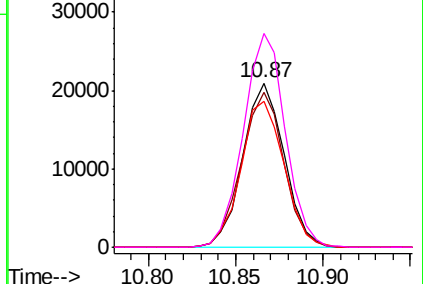
Abundance

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



#50

Dibromochloromethane

Concen: 15.376 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004440.D

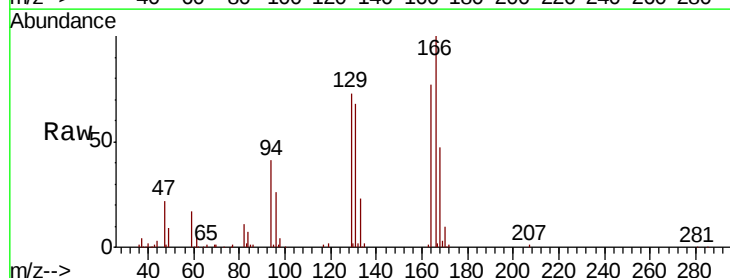
Acq: 03 Aug 2018 11:25

Tgt Ion:129 Resp: 33501

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

