

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004446.D
 Acq On : 03 Aug 2018 14:13
 Operator : SY/AP
 Sample : J4334-01
 Misc : 5.45G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY64

Quant Time: Aug 04 01:27:41 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	900962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	793693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	221811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	310485	27.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.84%
7) Chloroethane-d5	2.89	69	239583	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
10) 1,1-Dichloroethene-d2	4.01	63	418291	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.09	46	135530	27.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.86%
24) Chloroform-d	7.65	84	549684	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	8.31	65	294392	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.60%
29) Benzene-d6	8.27	84	1074640	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.27	67	351716	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.33	98	854204	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.58	79	100922	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.12%
39) 2-Hexanone-d5	10.93	63	92938	27.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	256127	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	210653	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

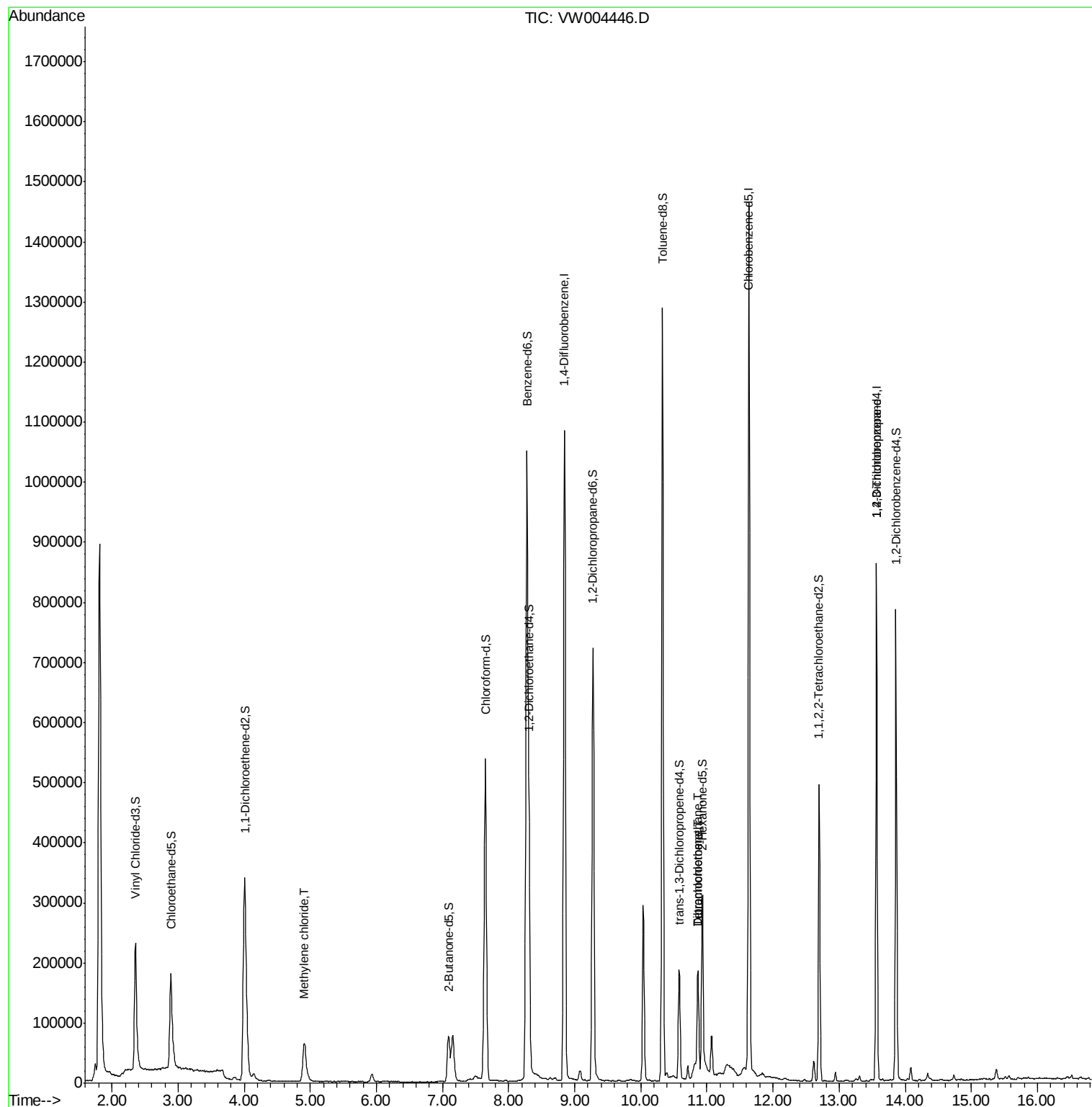
					Qvalue
16) Methylene chloride	4.91	84	59682	3.335 ug/L	95
47) Tetrachloroethene	10.87	164	37071	3.806 ug/L	99
50) Dibromochloromethane	10.87	129	35466	3.173 ug/L #	11
59) 1,2,3-Trichloropropane	13.57	75	27414	2.510 ug/L	91

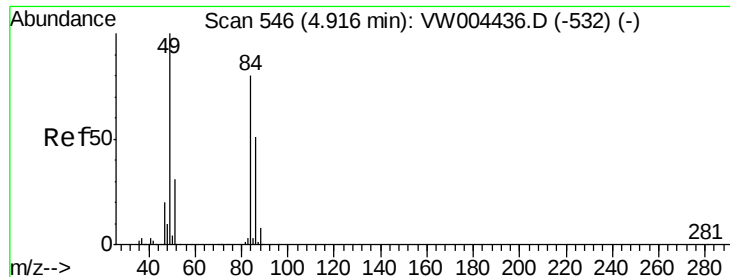
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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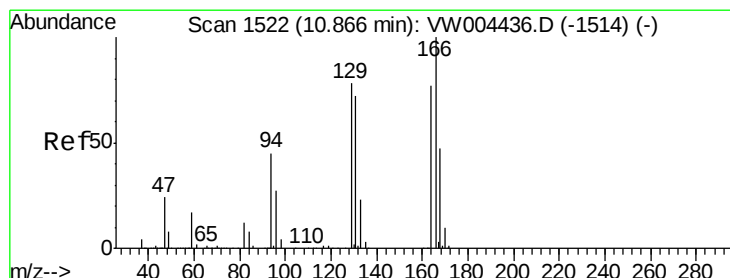
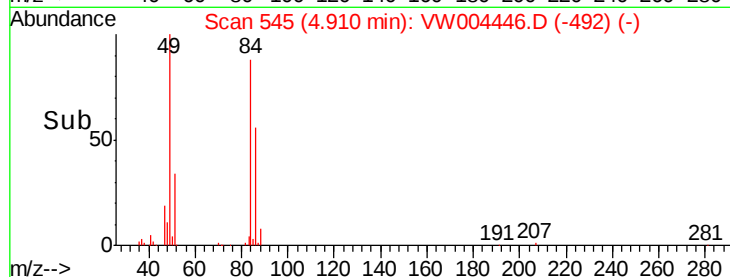
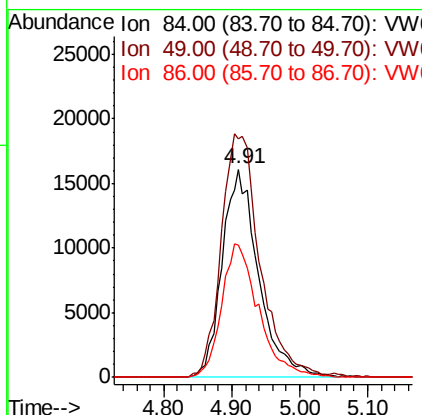
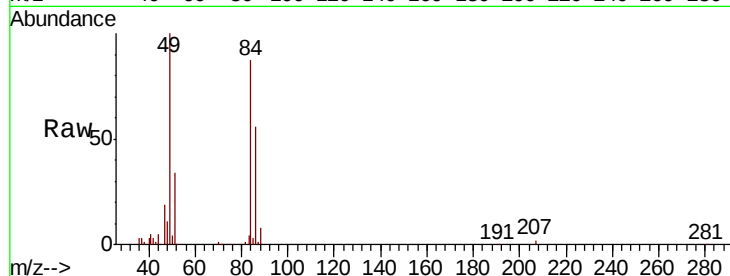




#16
Methylene chloride
Concen: 3.335 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004446.D
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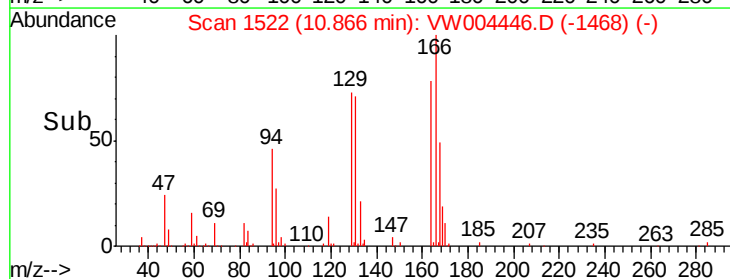
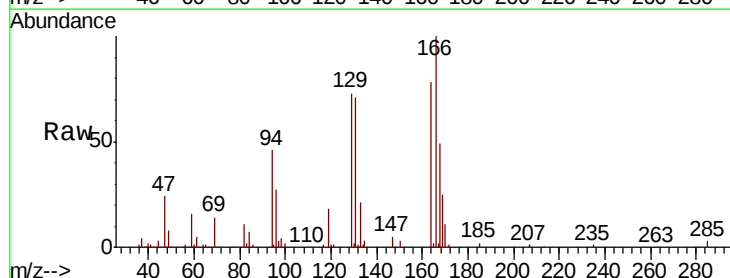
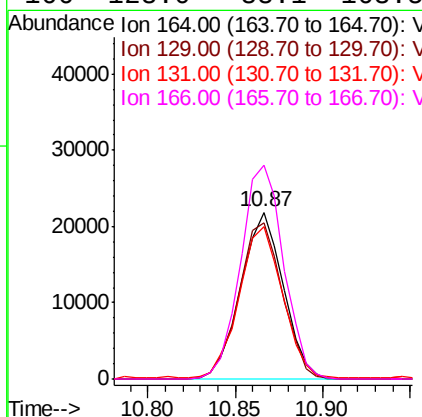
Instrument :
MSVOA_W
ClientSampleId :
BEY64

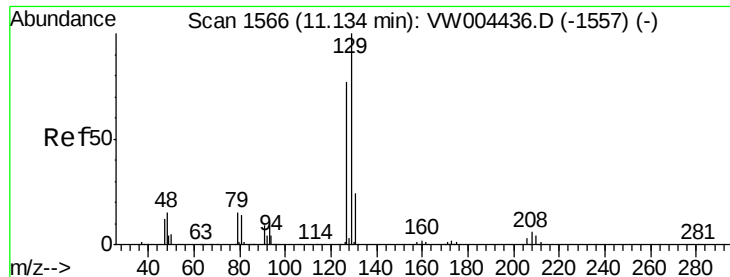
Tgt Ion: 84 Resp: 59682
Ion Ratio Lower Upper
84 100
49 114.6 86.0 159.6
86 63.6 43.5 80.9



#47
Tetrachloroethene
Concen: 3.806 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004446.D
Acq: 03 Aug 2018 14:13

Tgt Ion: 164 Resp: 37071
Ion Ratio Lower Upper
164 100
129 93.6 65.4 121.4
131 91.3 63.8 118.6
166 128.0 88.1 163.5





#50

Dibromochloromethane

Concen: 3.173 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004446.D

Acq: 03 Aug 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

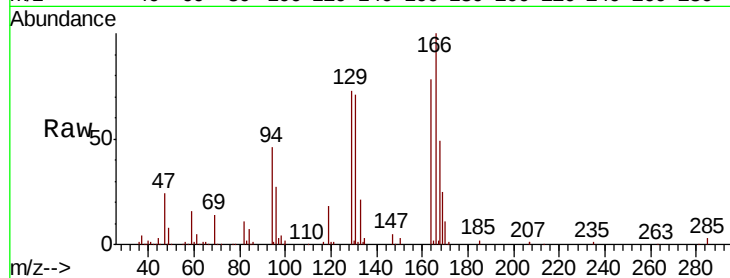
BEY64

Tgt Ion:129 Resp: 35466

Ion Ratio Lower Upper

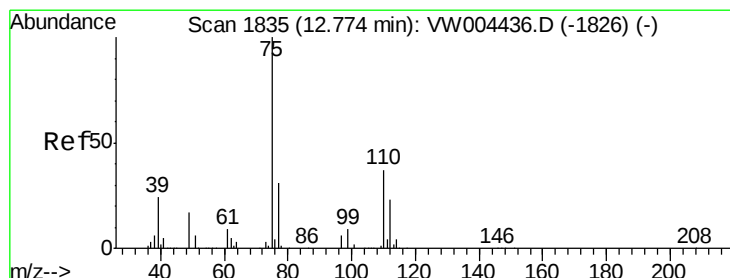
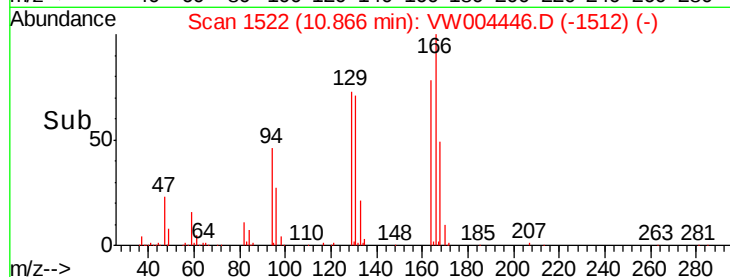
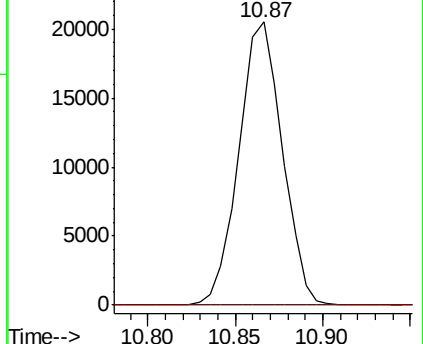
129 100

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



#59

1,2,3-Trichloropropane

Concen: 2.510 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004446.D

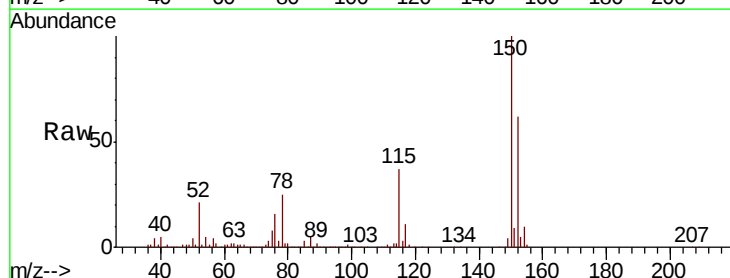
Acq: 03 Aug 2018 14:13

Tgt Ion: 75 Resp: 27414

Ion Ratio Lower Upper

75 100

77 36.7 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

