

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004046.D
 Acq On : 19 Jul 2018 19:56
 Operator : VA/AP
 Sample : J4037-07
 Misc : 5.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY50

Quant Time: Jul 20 06:44:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	211615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	55190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46873	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
7) Chloroethane-d5	2.89	69	33781	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
10) 1,1-Dichloroethene-d2	4.00	63	77497	15.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
20) 2-Butanone-d5	7.08	46	71174	57.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.98%
24) Chloroform-d	7.65	84	120073	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	76447	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	8.27	84	205176	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	75642	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	157977	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	27079	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	48325	63.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	85126	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	40975	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

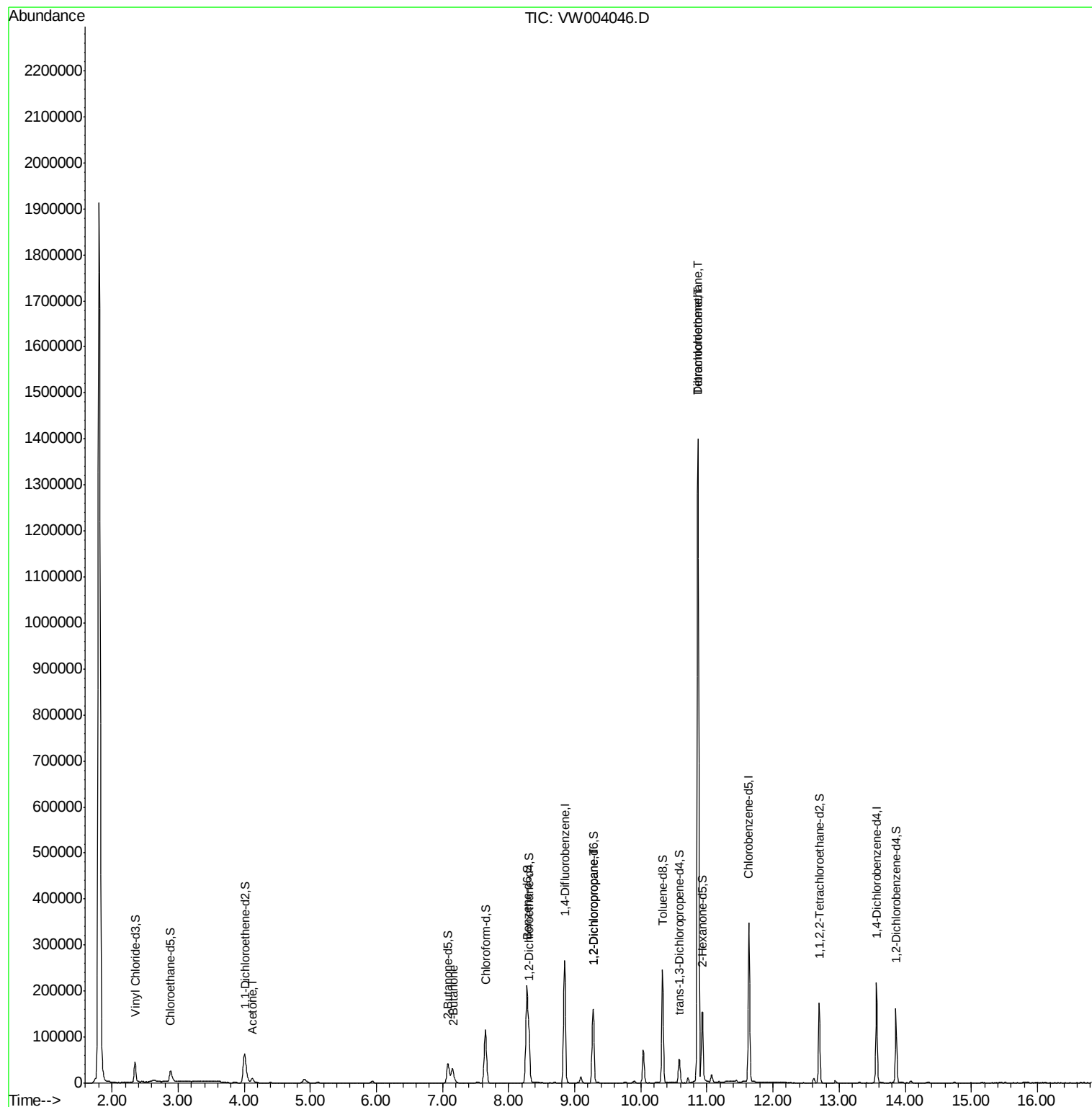
					Qvalue
13) Acetone	4.12	43	15596	11.687	ug/L 100
21) 2-Butanone	7.17	43	4906	2.963	ug/L 94
40) 1,2-Dichloropropane	9.28	63	8496	2.793	ug/L # 89
47) Tetrachloroethene	10.87	164	309544	127.841	ug/L 94
50) Dibromochloromethane	10.87	129	296264	111.868	ug/L # 9

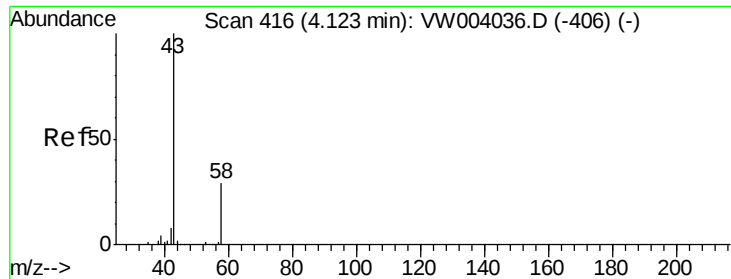
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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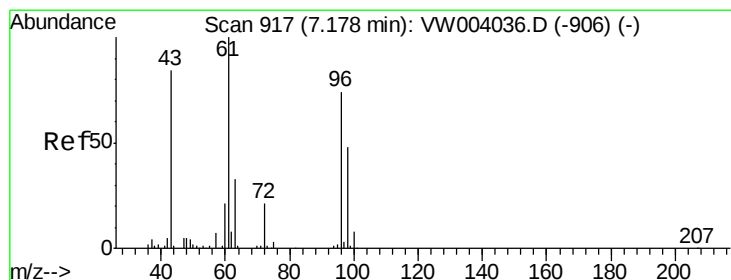
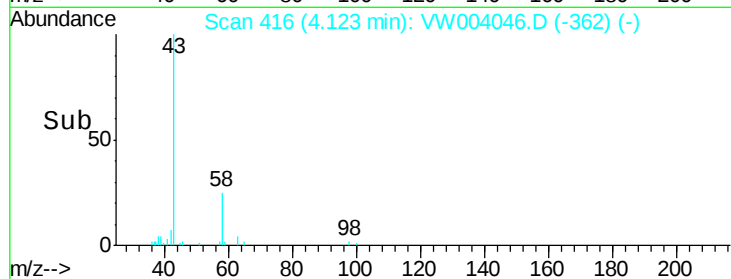
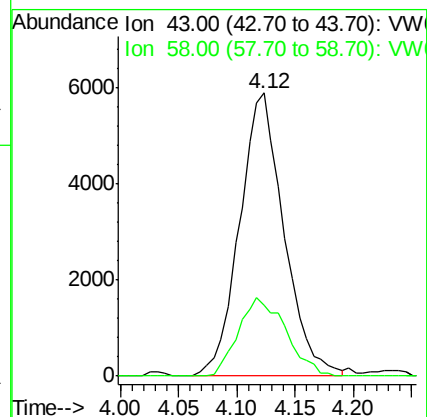
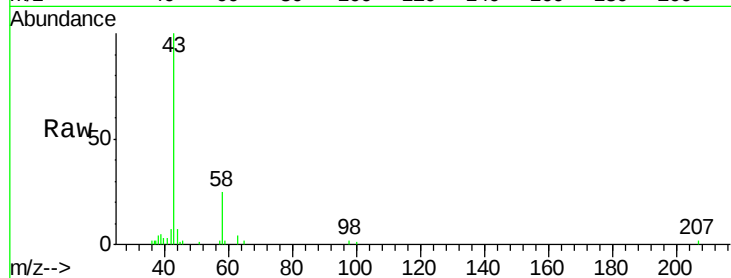




#13
Acetone
Concen: 11.687 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW004046.D
Acq: 19 Jul 2018 19:56

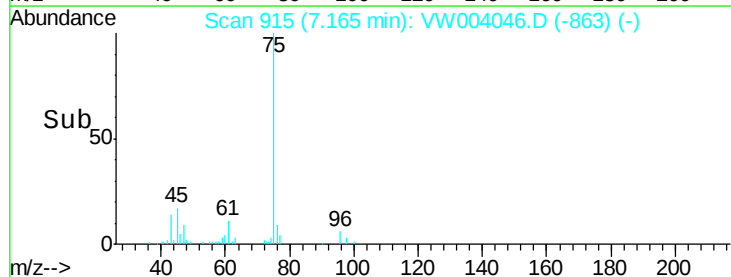
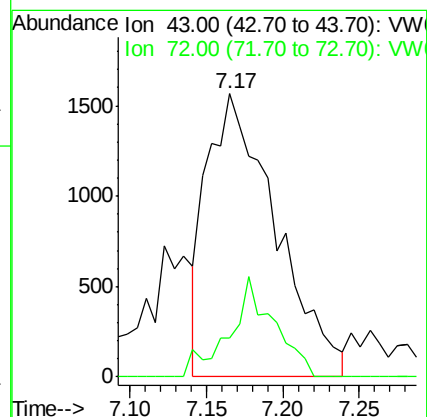
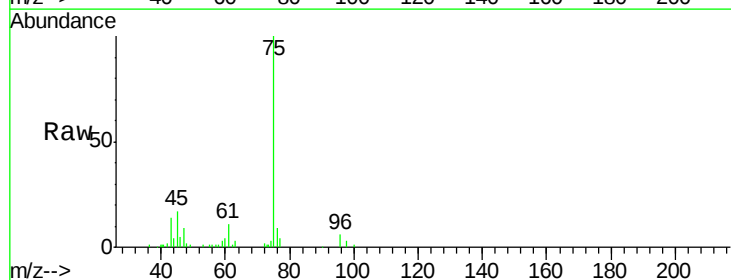
Instrument :
MSVOA_W
ClientSampled :
BEY50

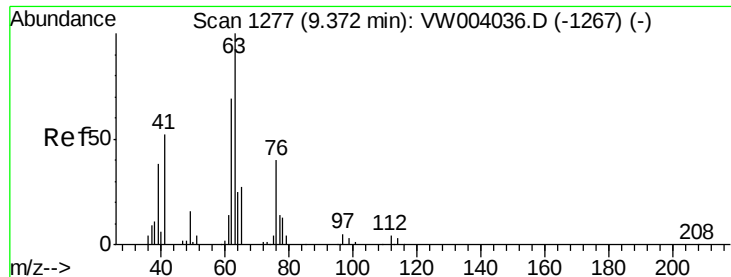
Tgt Ion: 43 Resp: 15596
Ion Ratio Lower Upper
43 100
58 29.7 0.0 59.4



#21
2-Butanone
Concen: 2.963 ug/L
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW004046.D
Acq: 19 Jul 2018 19:56

Tgt Ion: 43 Resp: 4906
Ion Ratio Lower Upper
43 100
72 21.1 12.1 36.3

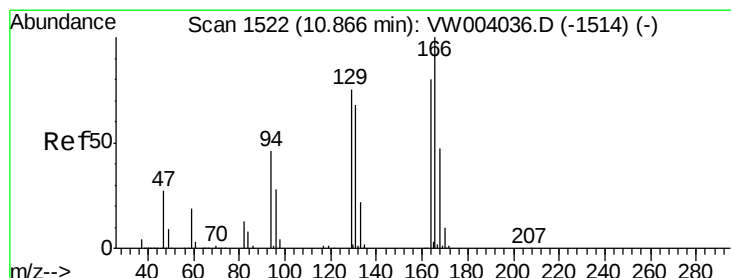
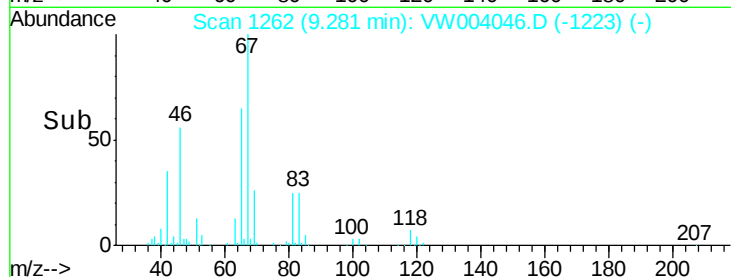
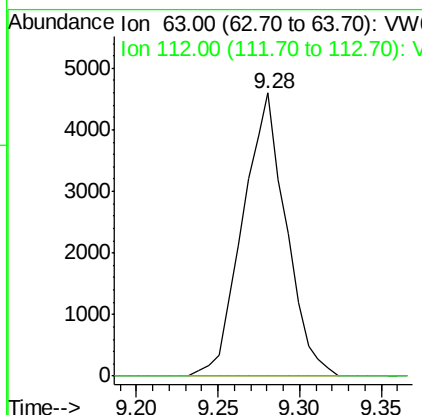
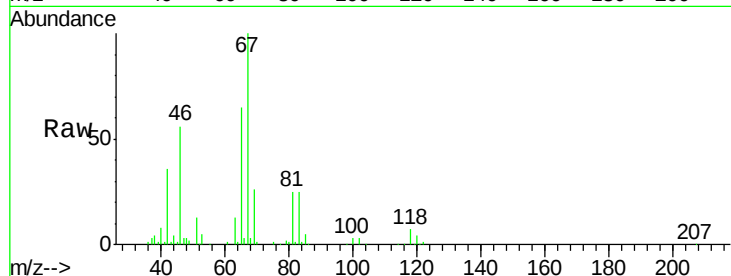




#40
 1,2-Dichloropropane
 Concen: 2.793 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
 Lab File: VW004046.D
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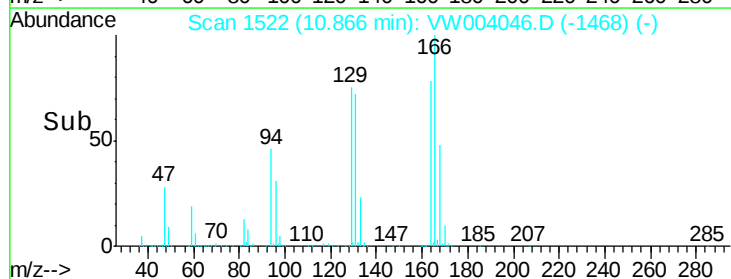
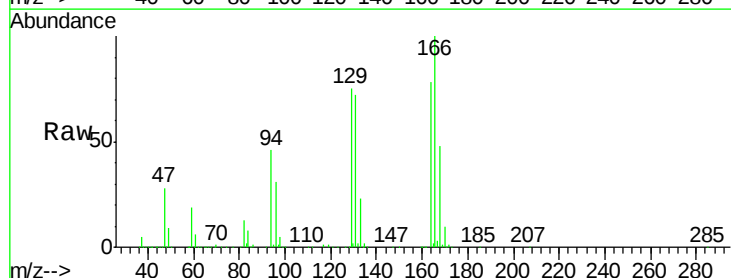
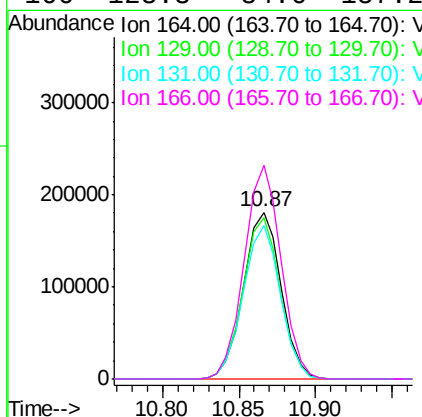
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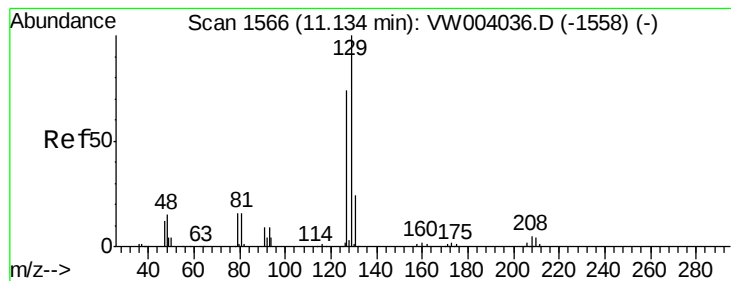
Tgt Ion: 63 Resp: 8496
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 127.841 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004046.D
 Acq: 19 Jul 2018 19:56

Tgt Ion: 164 Resp: 309544
 Ion Ratio Lower Upper
 164 100
 129 96.8 63.1 117.3
 131 92.3 62.8 116.6
 166 128.3 84.6 157.2





#50

Dibromochloromethane

Concen: 111.868 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004046.D

Acq: 19 Jul 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

BEY50

Tgt Ion:129 Resp: 296264

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.3#

