

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004952.D
 Acq On : 24 Aug 2018 22:43
 Operator : SY/AP
 Sample : J4647-05
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB71

Quant Time: Aug 25 01:35:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	554646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	584917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	250551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235361	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	183322	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.02	63	231100	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.09	46	110808	51.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.86%
24) Chloroform-d	7.66	84	281780	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	8.31	65	168792	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
29) Benzene-d6	8.28	84	661916	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.28	67	197820	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.52%
37) Toluene-d8	10.33	98	698843	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.58	79	79586	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	10.93	63	106262	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209099	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	242401	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

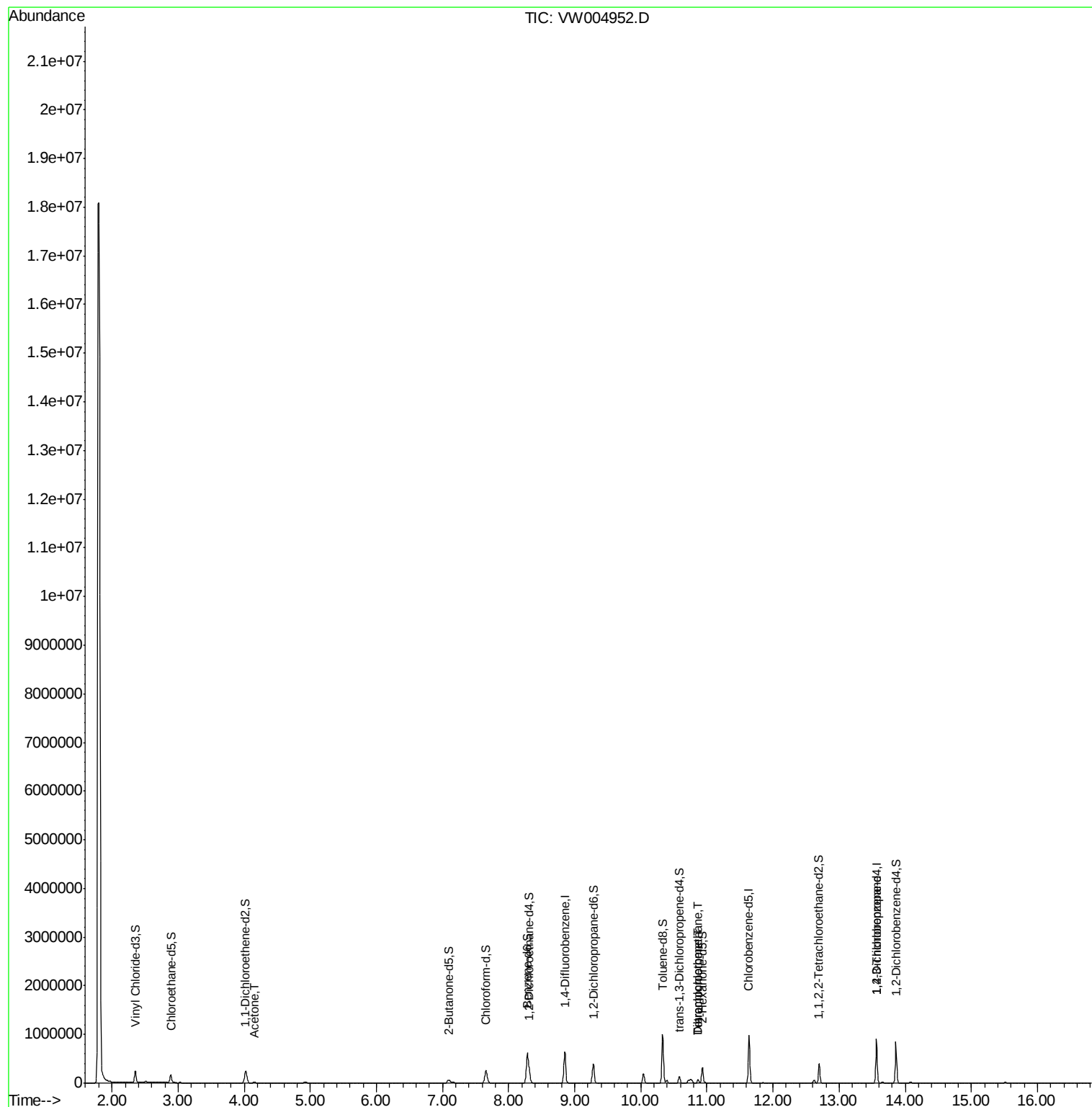
					Qvalue
13) Acetone	4.15	43	25136	15.210 ug/L	99
47) Tetrachloroethene	10.87	164	16269	2.004 ug/L	97
50) Dibromochloromethane	10.87	129	14803	2.082 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	27406	3.897 ug/L	89

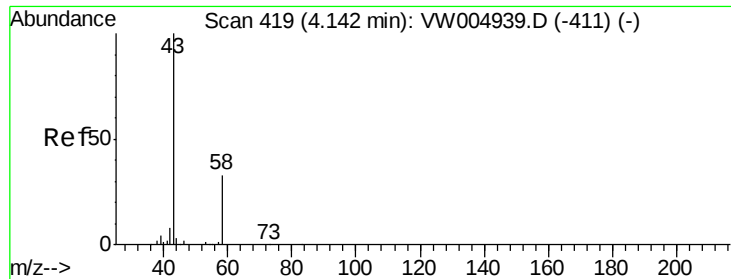
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.210 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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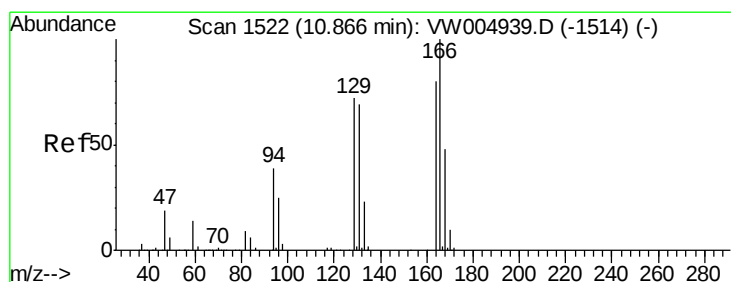
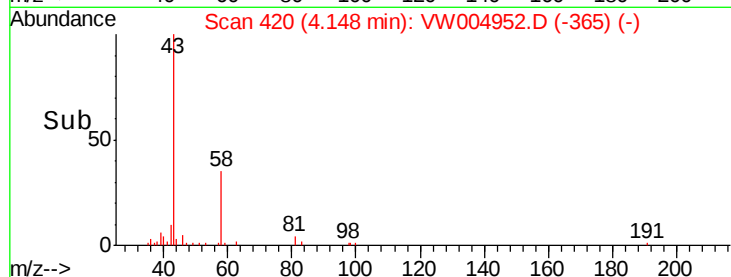
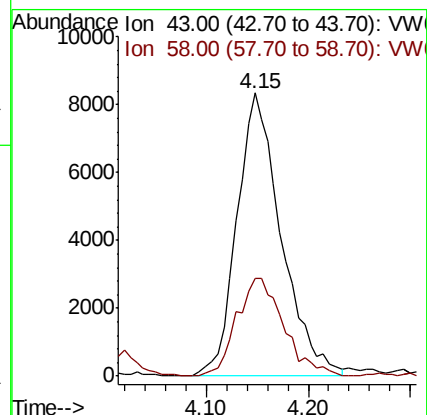
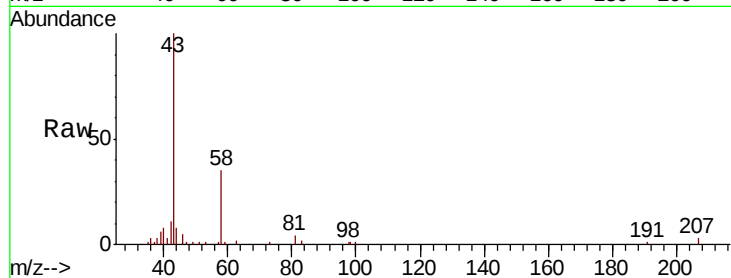
GAB71

Tgt Ion: 43 Resp: 25136

Ion Ratio Lower Upper

43 100

58 34.3 0.0 69.4



#47

Tetrachloroethene

Concen: 2.004 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 16269

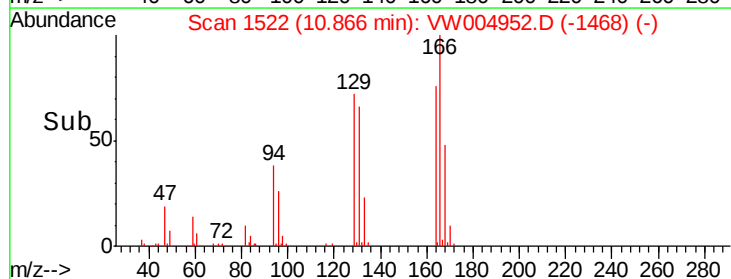
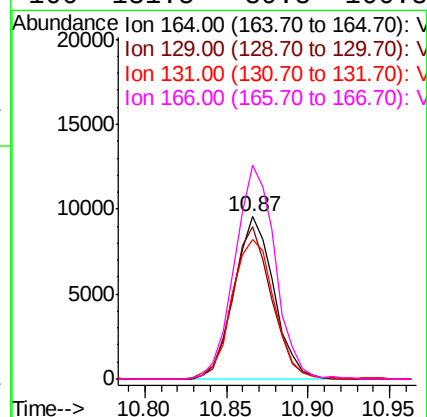
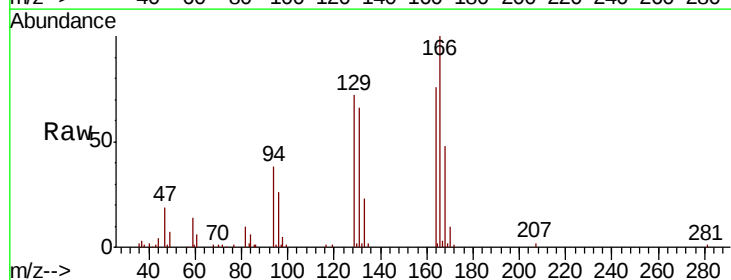
Ion Ratio Lower Upper

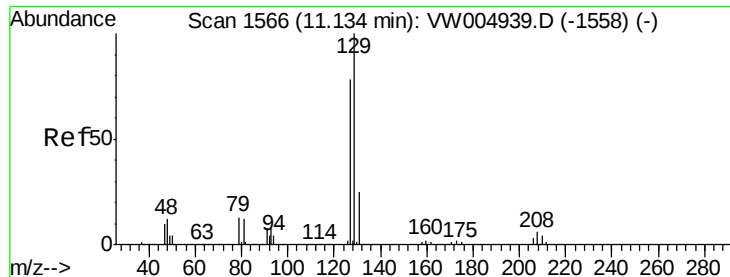
164 100

129 94.1 66.8 124.0

131 86.2 64.0 119.0

166 131.5 89.8 166.8





#50

Dibromochloromethane

Concen: 2.082 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

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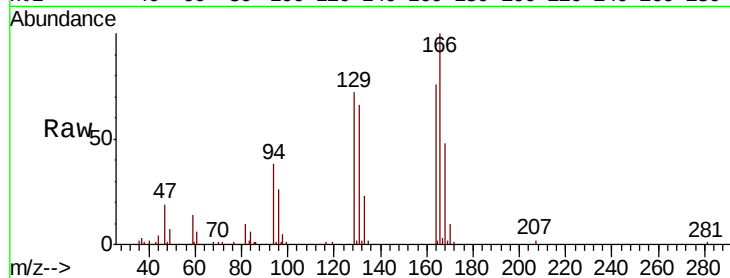
GAB71

Tgt Ion:129 Resp: 14803

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

10000

8000

6000

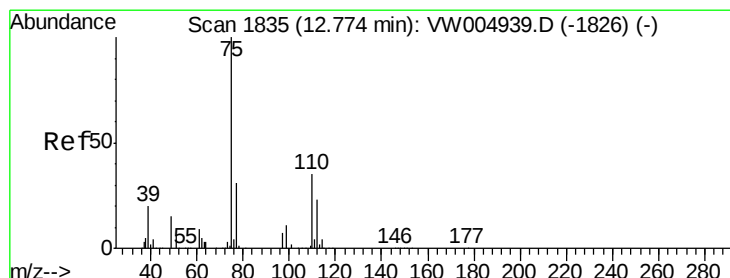
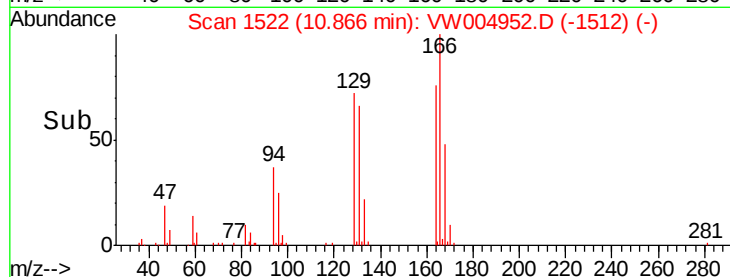
4000

2000

0

Time-->

10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 3.897 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

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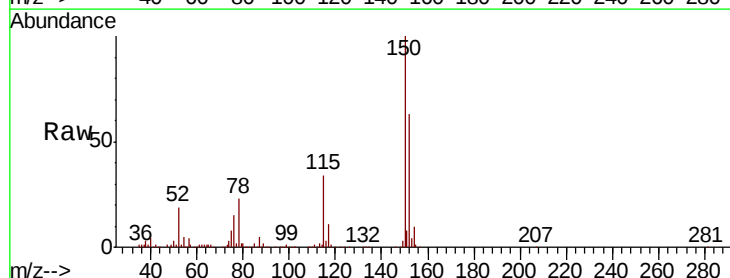
Acq: 24 Aug 2018 22:43

Tgt Ion: 75 Resp: 27406

Ion Ratio Lower Upper

75 100

77 37.7 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

20000

15000

10000

5000

0

Time-->

13.50 13.55 13.60

