

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004237.D
 Acq On : 26 Jul 2018 19:25
 Operator : SY/AP
 Sample : J4169-05
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:56:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	281105	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	68767	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.89	69	48272	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.01	63	120008	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.09	46	90025	56.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.38%
24) Chloroform-d	7.65	84	172445	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.31	65	108923	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.64%
29) Benzene-d6	8.27	84	335889	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.28	67	112969	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	10.33	98	297812	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	45294	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	64766	55.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	116602	25.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	90360	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

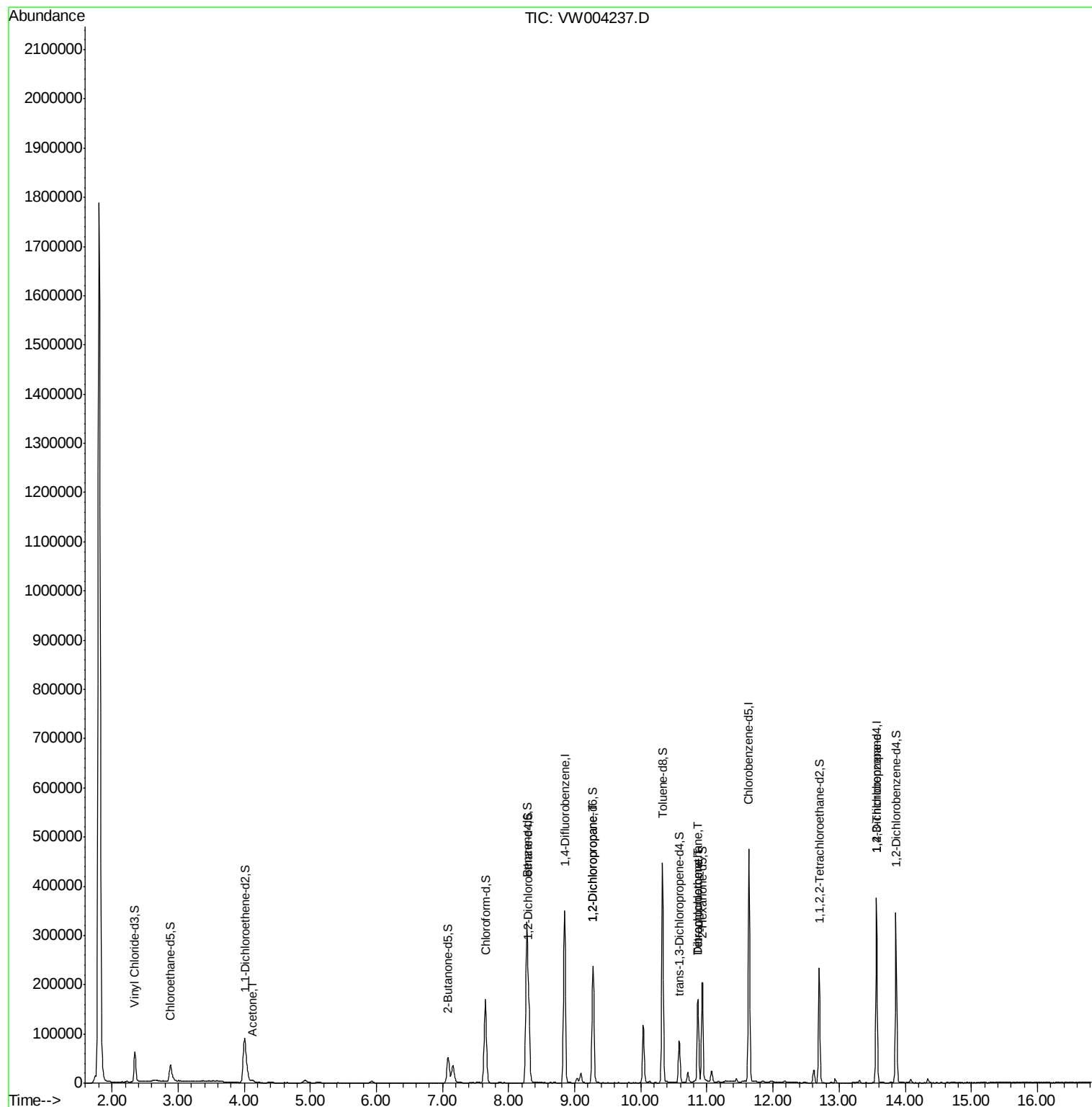
					Ovalue
13) Acetone	4.13	43	6356	3.929 ug/L	100
40) 1,2-Dichloropropane	9.27	63	12361	3.121 ug/L #	89
47) Tetrachloroethene	10.87	164	38517	12.547 ug/L	99
50) Dibromochloromethane	10.87	129	36048	10.278 ug/L #	12
59) 1,2,3-Trichloropropane	13.57	75	12088	3.587 ug/L	93

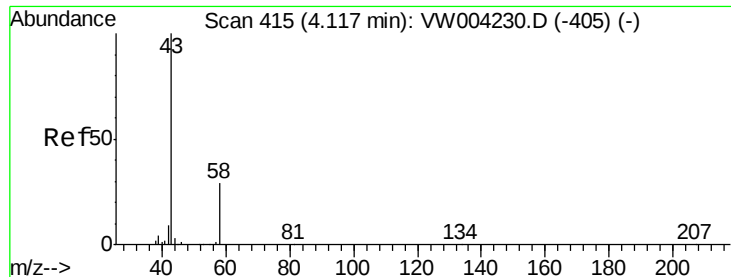
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.929 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004237.D

Acq: 26 Jul 2018 19:25

Instrument :

MSVOA_W

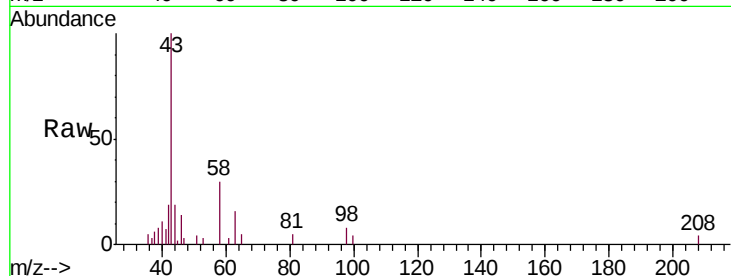
ClientSampleId :

Tot Ion: 43 Resp: 6356

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

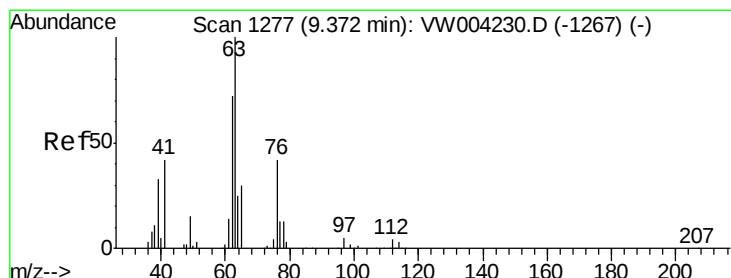
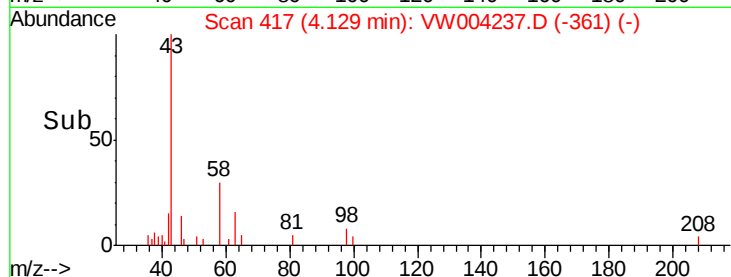
1000

500

0

4.00 4.05 4.10 4.15 4.20

Time-->



#40

1,2-Dichloropropane

Concen: 3.121 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004237.D

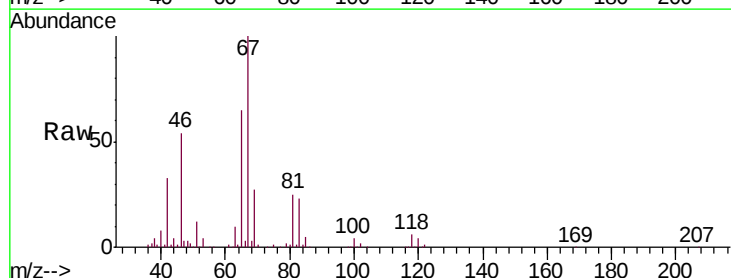
Acq: 26 Jul 2018 19:25

Tgt Ion: 63 Resp: 12361

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

6000

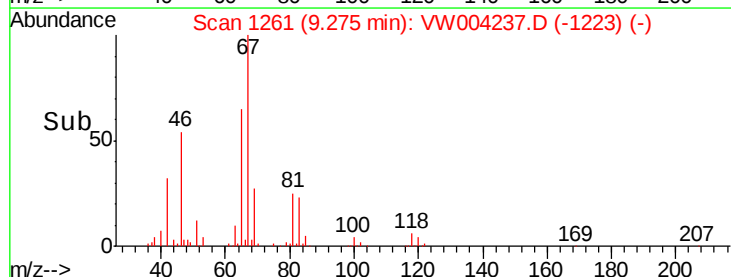
4000

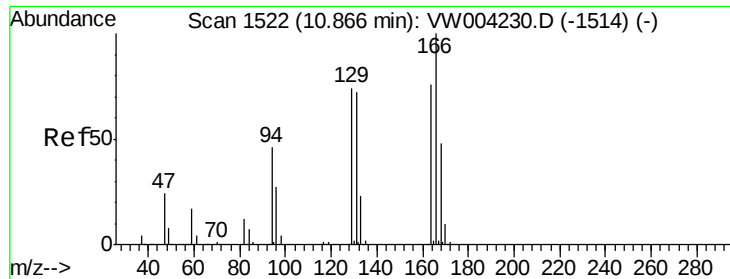
2000

0

9.20 9.25 9.30 9.35

Time-->

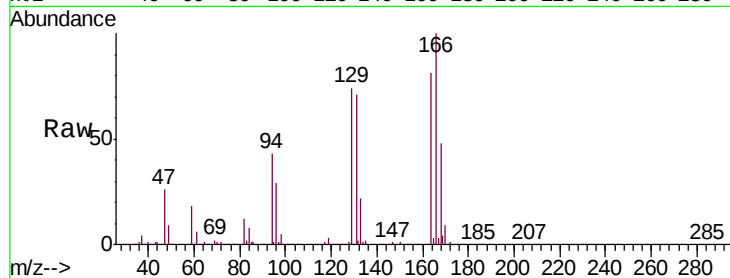




#47
Tetrachloroethene
Concen: 12.547 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004237.D
Acq: 26 Jul 2018 19:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	91.3	63.4	117.8
131	88.0	63.1	117.1
166	123.7	87.5	162.5



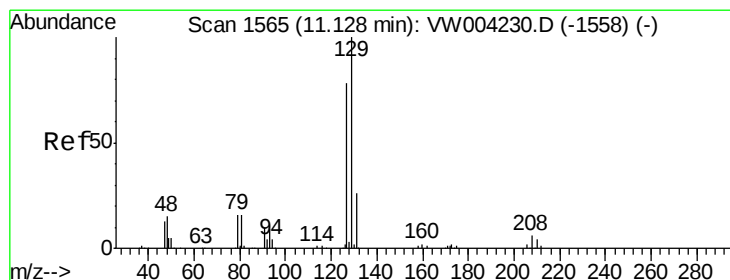
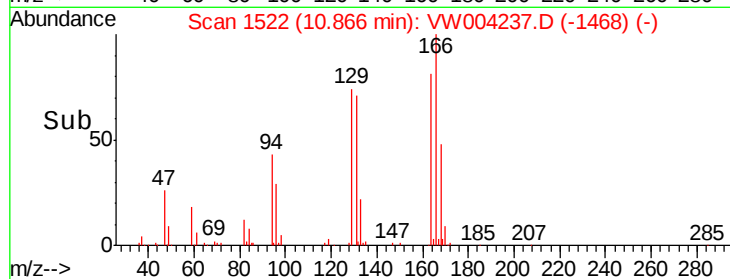
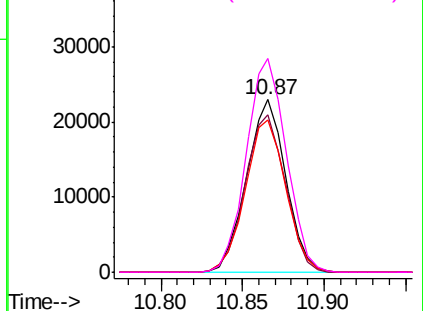
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

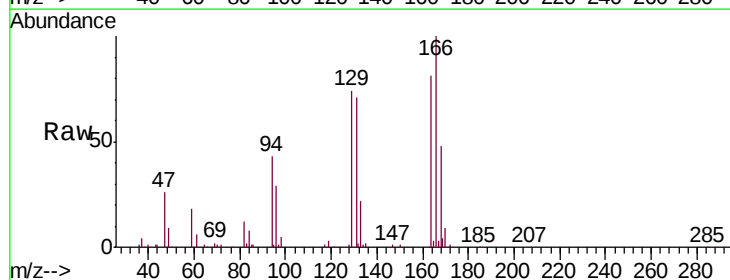
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 10.278 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.26 min
Lab File: VW004237.D
Acq: 26 Jul 2018 19:25

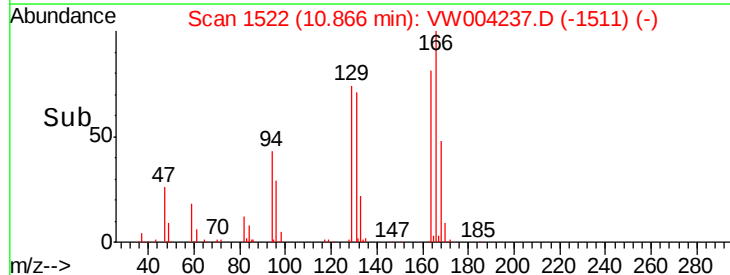
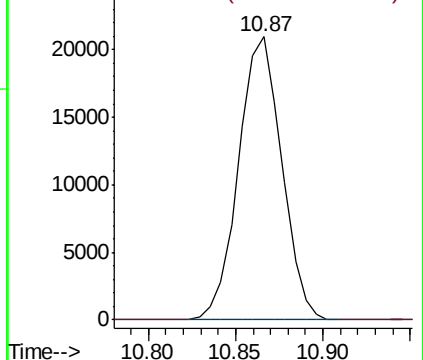
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.7	97.9#

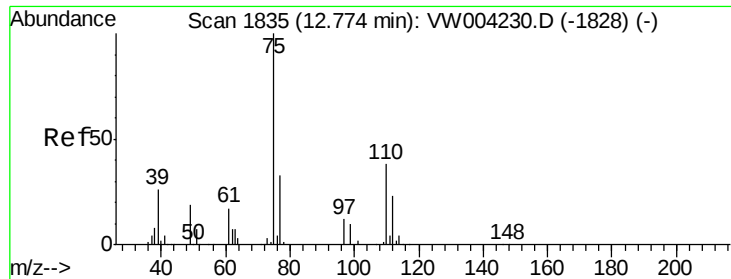


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59
 1,2,3-Trichloropropane
 Concen: 3.587 ug/L
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.79 min
 Lab File: VW004237.D
 Acq: 26 Jul 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 12088
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.2 37.8

