

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016224.D
 Acq On : 17 Aug 2020 17:34
 Operator : SY/VA
 Sample : L3702-17
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ1

Quant Time: Aug 18 04:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	418506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85772	16.53	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.12%
7) Chloroethane-d5	2.89	69	68762	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
10) 1,1-Dichloroethene-d2	4.01	63	144113	13.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.32%
20) 2-Butanone-d5	7.08	46	49083	35.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.90%
24) Chloroform-d	7.65	84	211310	18.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.24%
26) 1,2-Dichloroethane-d4	8.31	65	108749	18.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.92%
29) Benzene-d6	8.28	84	420791	20.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.76%
33) 1,2-Dichloropropane-d6	9.28	67	125638	20.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.00%
37) Toluene-d8	10.33	98	376270	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.72%
38) trans-1,3-Dichloropropene-	10.59	79	50120	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.80%
39) 2-Hexanone-d5	10.93	63	40465	38.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100836	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	125456	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

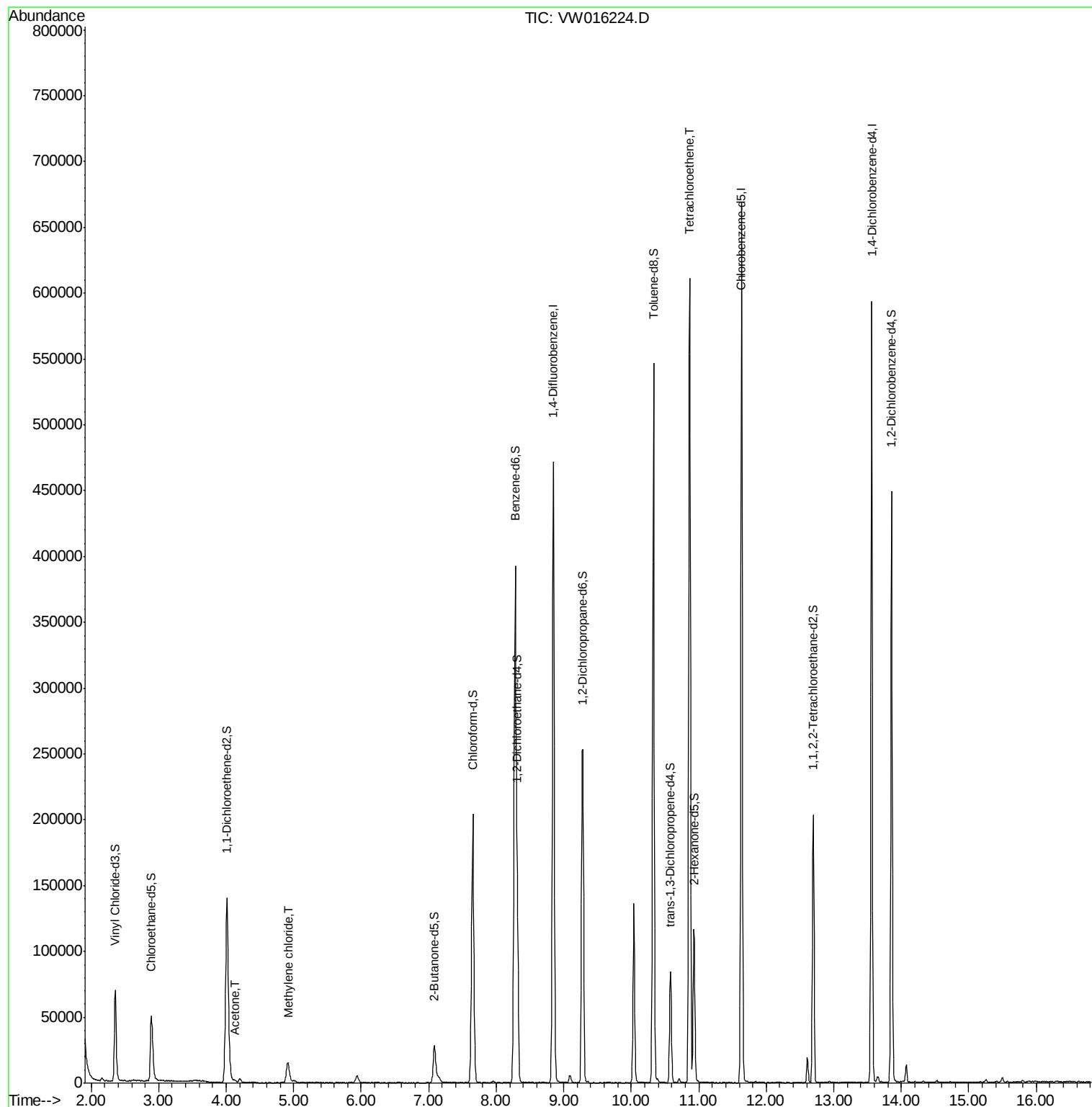
Target Compounds					Ovalue
13) Acetone	4.12	43	2883	2.791 ug/L	78
16) Methylene chloride	4.92	84	13437	2.033 ug/L	89
47) Tetrachloroethene	10.87	164	142958	32.101 ug/L	94

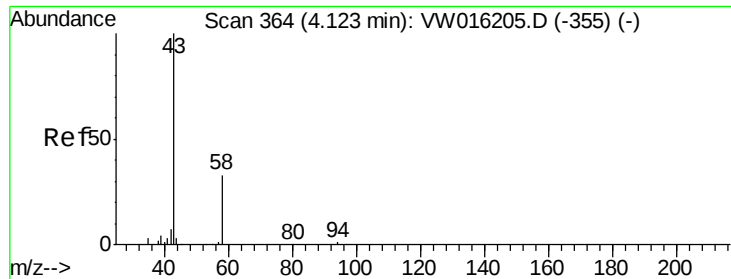
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.791 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 17 Aug 2020 17:34

Instrument :

MSVOA_W

ClientSampleId :

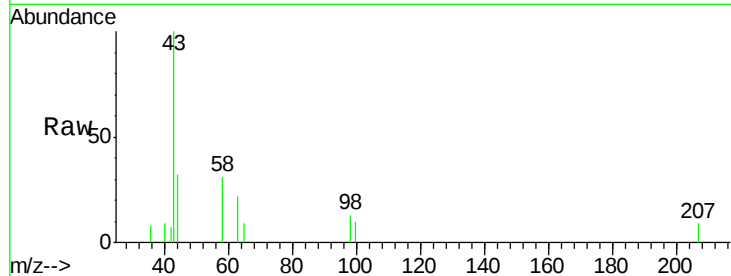
BFWQ1

Tot Ion: 43 Resp: 2883

Ion Ratio Lower Upper

43 100

58 17.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

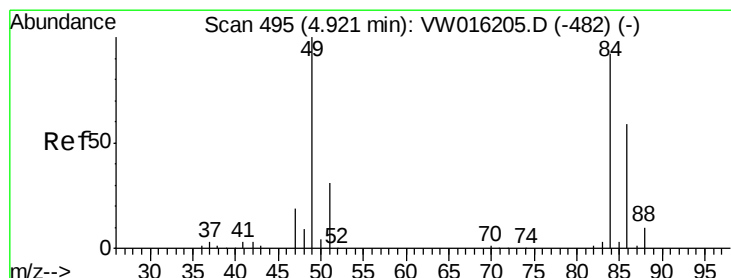
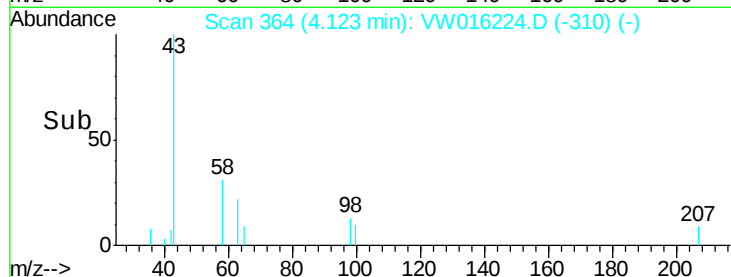
600

400

200

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.033 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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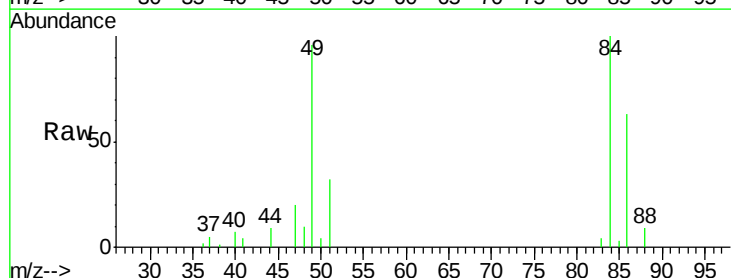
Tgt Ion: 84 Resp: 13437

Ion Ratio Lower Upper

84 100

49 96.5 80.4 149.4

86 62.5 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

6000

5000

4000

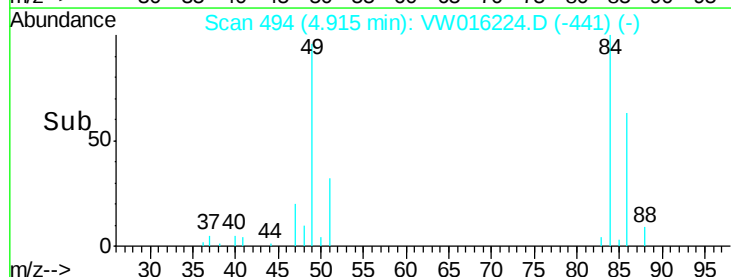
3000

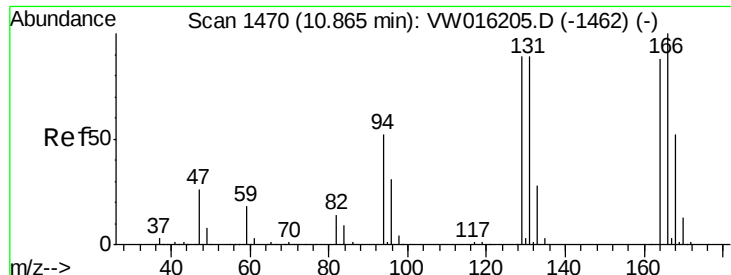
2000

1000

0

Time--> 4.80 4.85 4.90 4.95 5.00





#47

Tetrachloroethene

Concen: 32.101 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016224.D

Acq: 17 Aug 2020 17:34

Instrument :

MSVOA_W

ClientSampleId :

BFWQ1

Tot Ion:164 Resp: 142958

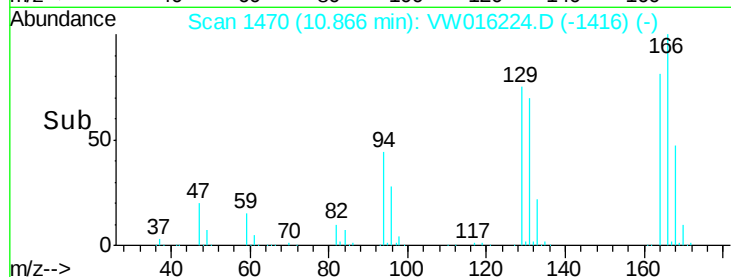
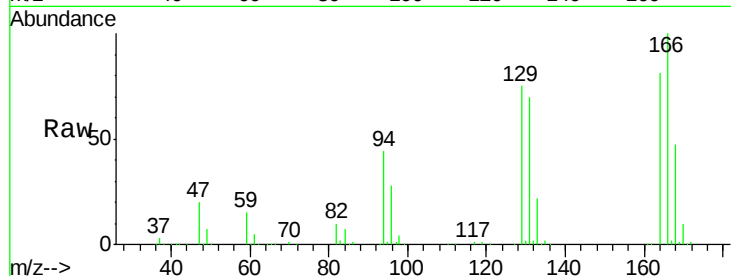
Ion Ratio Lower Upper

164 100

129 92.1 71.5 132.9

131 86.8 65.4 121.4

166 123.3 86.9 161.5



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

