

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017535.D
 Acq On : 03 Dec 2020 15:59
 Operator : SY/VA
 Sample : L4920-11
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F7

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:35:25 PM

Quant Time: Dec 20 01:30:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	502622	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	458398	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	226254	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101408	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.36%
7) Chloroethane-d5	2.89	69	89757	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
10) 1,1-Dichloroethene-d2	4.02	63	182081	12.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.48%
20) 2-Butanone-d5	7.08	46	62608	44.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.80%
24) Chloroform-d	7.65	84	265940	18.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.48%
26) 1,2-Dichloroethane-d4	8.31	65	141297	20.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.68%
29) Benzene-d6	8.27	84	511778	18.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.64%
33) 1,2-Dichloropropane-d6	9.27	67	149742	19.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.80%
37) Toluene-d8	10.33	98	463384	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.20%
38) trans-1,3-Dichloropropene-	10.58	79	62930	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.24%
39) 2-Hexanone-d5	10.93	63	41014	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115598	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	170006	20.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.20%

Target Compounds

					Ovalue
13) Acetone	4.14	43	4133m	3.080	ug/L
16) Methylene chloride	4.93	84	31270	4.144	ug/L
35) Trichloroethene	9.09	95	1656	0.217	ug/L
47) Tetrachloroethene	10.87	164	376373	57.834	ug/L

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

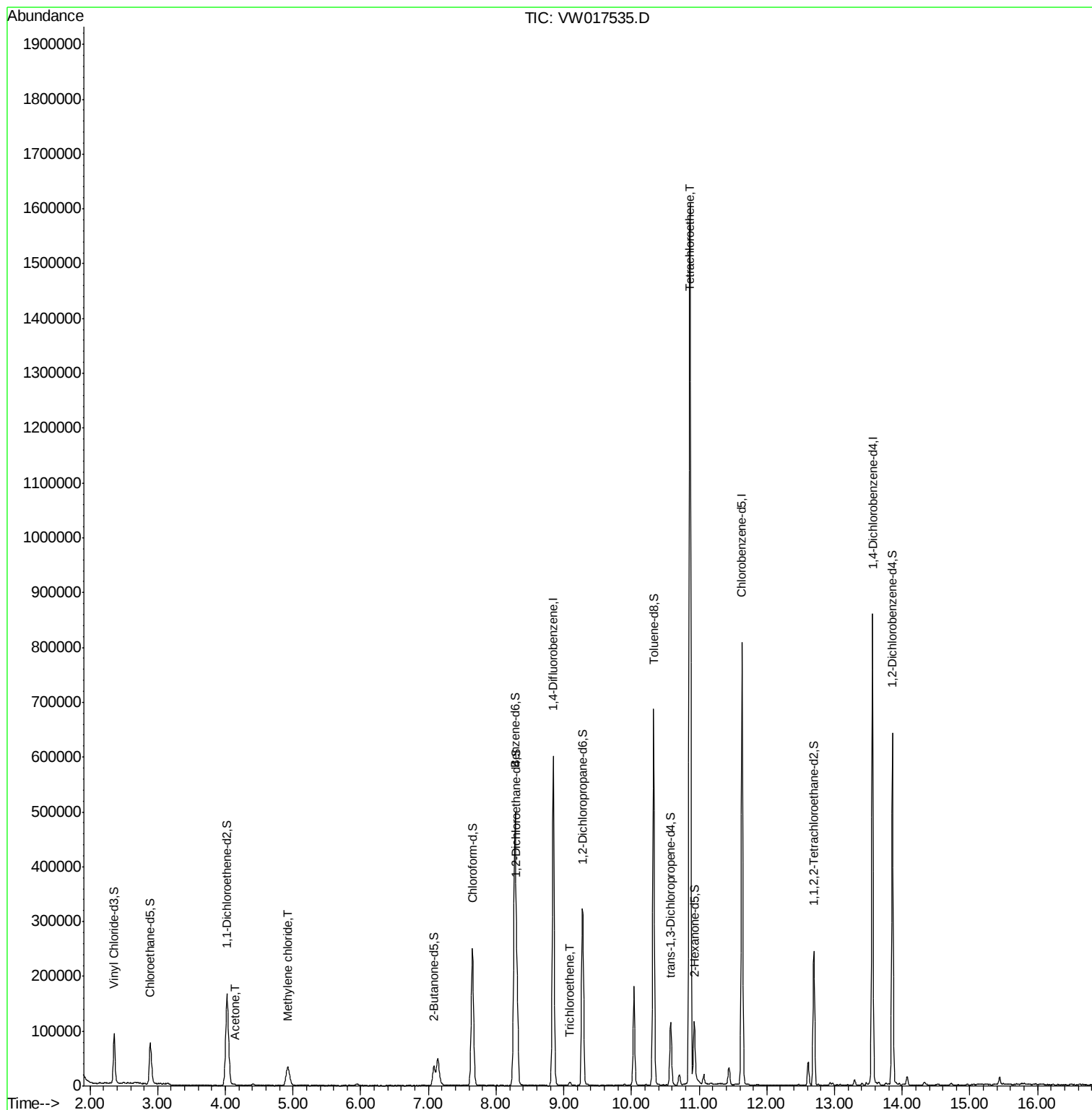
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120320\
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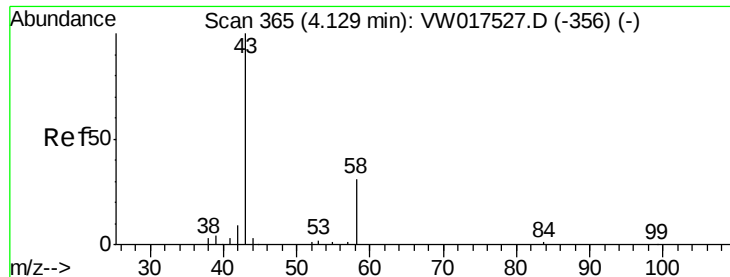
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#13

Acetone

Concen: 3.080 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017535.D

Acq: 03 Dec 2020 15:59

Tot Ion: 43 Resp: 4133

Ion Ratio Lower Upper

43 100

58 30.4 0.0 68.4

Instrument :

MSVOA_W

ClientSampleId :

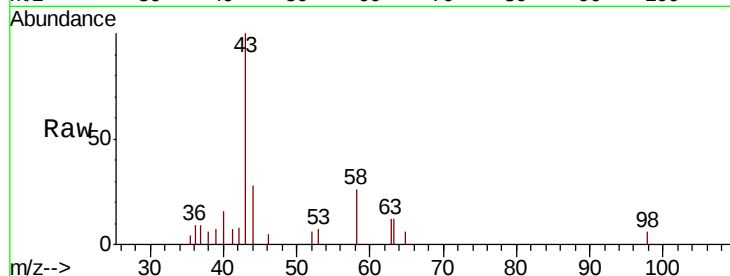
BG4F7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

1000

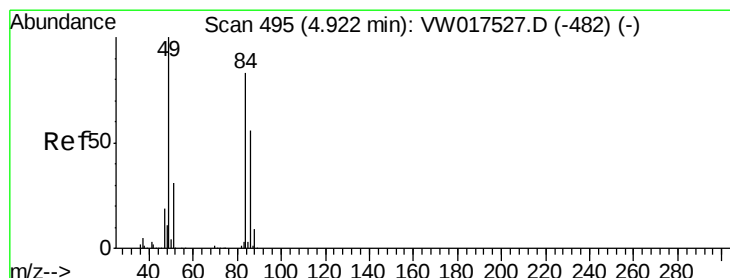
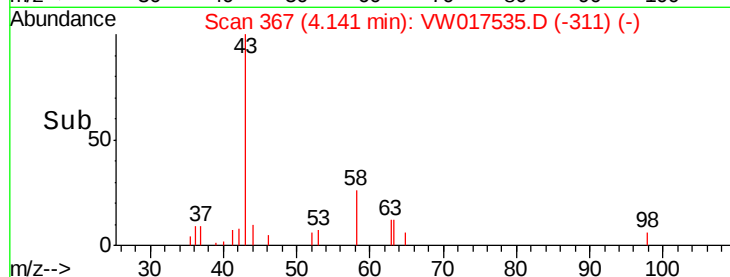
500

0

4.10 4.20

4.14

Time-->



#16

Methylene chloride

Concen: 4.144 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017535.D

Acq: 03 Dec 2020 15:59

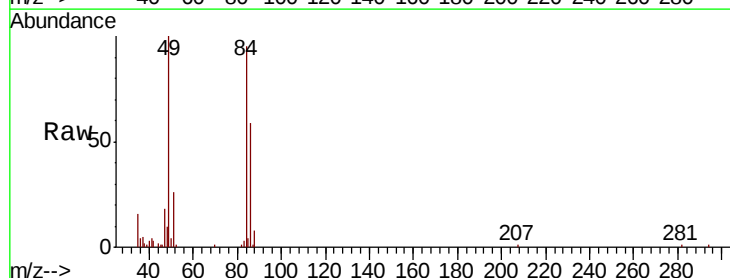
Tgt Ion: 84 Resp: 31270

Ion Ratio Lower Upper

84 100

49 105.0 81.2 150.8

86 62.0 44.5 82.7



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

10000

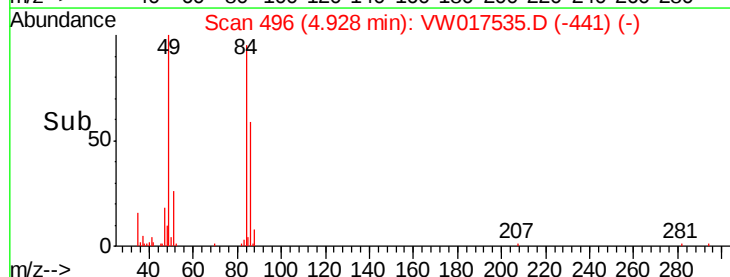
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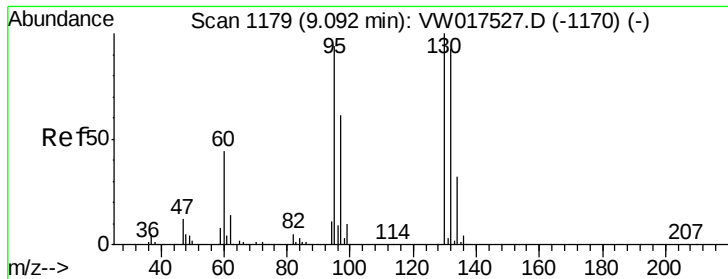
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4.80 4.90 5.00

4.93

Time-->





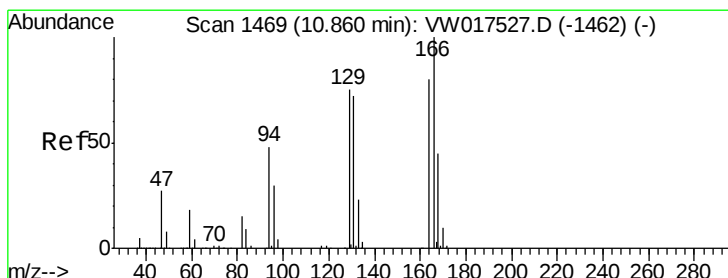
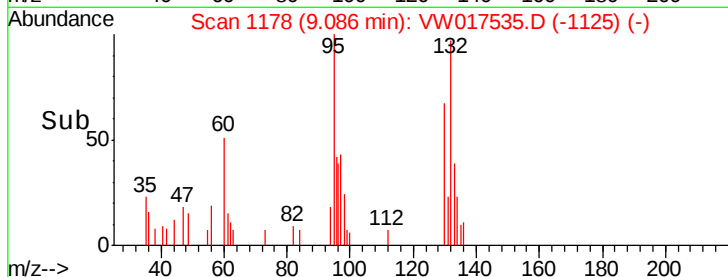
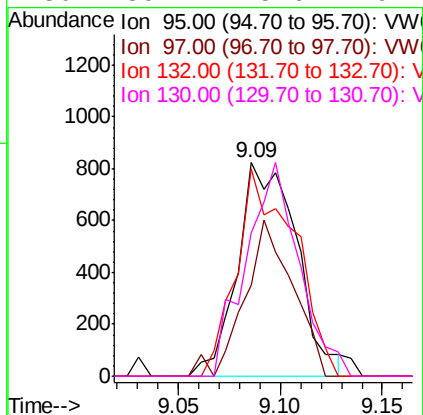
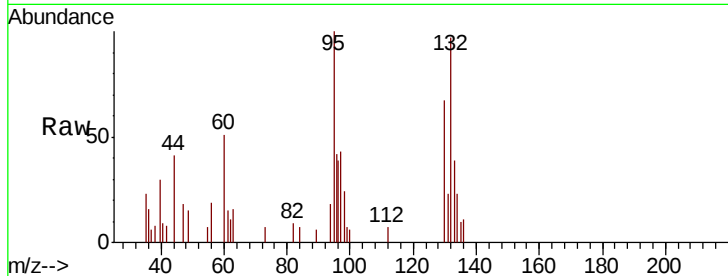
#35
 Trichloroethene
 Concen: 0.217 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW017535.D
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Tot Ion	95	Resp:	1656
Ion	Ratio	Lower	Upper
95	100		
97	57.9	45.0	83.6
132	95.4	71.0	131.8
130	89.4	75.6	140.4

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#47
 Tetrachloroethene
 Concen: 57.834 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017535.D
 Acq: 03 Dec 2020 15:59

Tgt Ion	164	Resp:	376373
Ion	Ratio	Lower	Upper
164	100		
129	85.5	67.6	125.6
131	91.8	65.2	121.2
166	130.3	93.2	173.2

