

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017563.D
 Acq On : 04 Dec 2020 18:02
 Operator : SY/VA
 Sample : L4955-06
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K1

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:40 PM

Quant Time: Dec 20 03:40:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101310	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.64%
7) Chloroethane-d5	2.89	69	90823	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.03	63	182678	14.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.40%
20) 2-Butanone-d5	7.08	46	59094	48.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.32%
24) Chloroform-d	7.65	84	274910	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.31	65	139816	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.27	84	515368	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	155068	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.20%
37) Toluene-d8	10.33	98	473334	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.58	79	62068	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.00%
39) 2-Hexanone-d5	10.93	63	36430	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113019	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	166850	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

					Ovalue
13) Acetone	4.14	43	3722m	3.152	ug/L
16) Methylene chloride	4.93	84	21255m	3.201	ug/L
25) Chloroform	7.68	83	12909	1.149	ug/L # 72
41) Bromodichloromethane	9.65	83	5518	0.685	ug/L 85
50) Dibromochloromethane	11.13	129	3099	0.568	ug/L 84

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

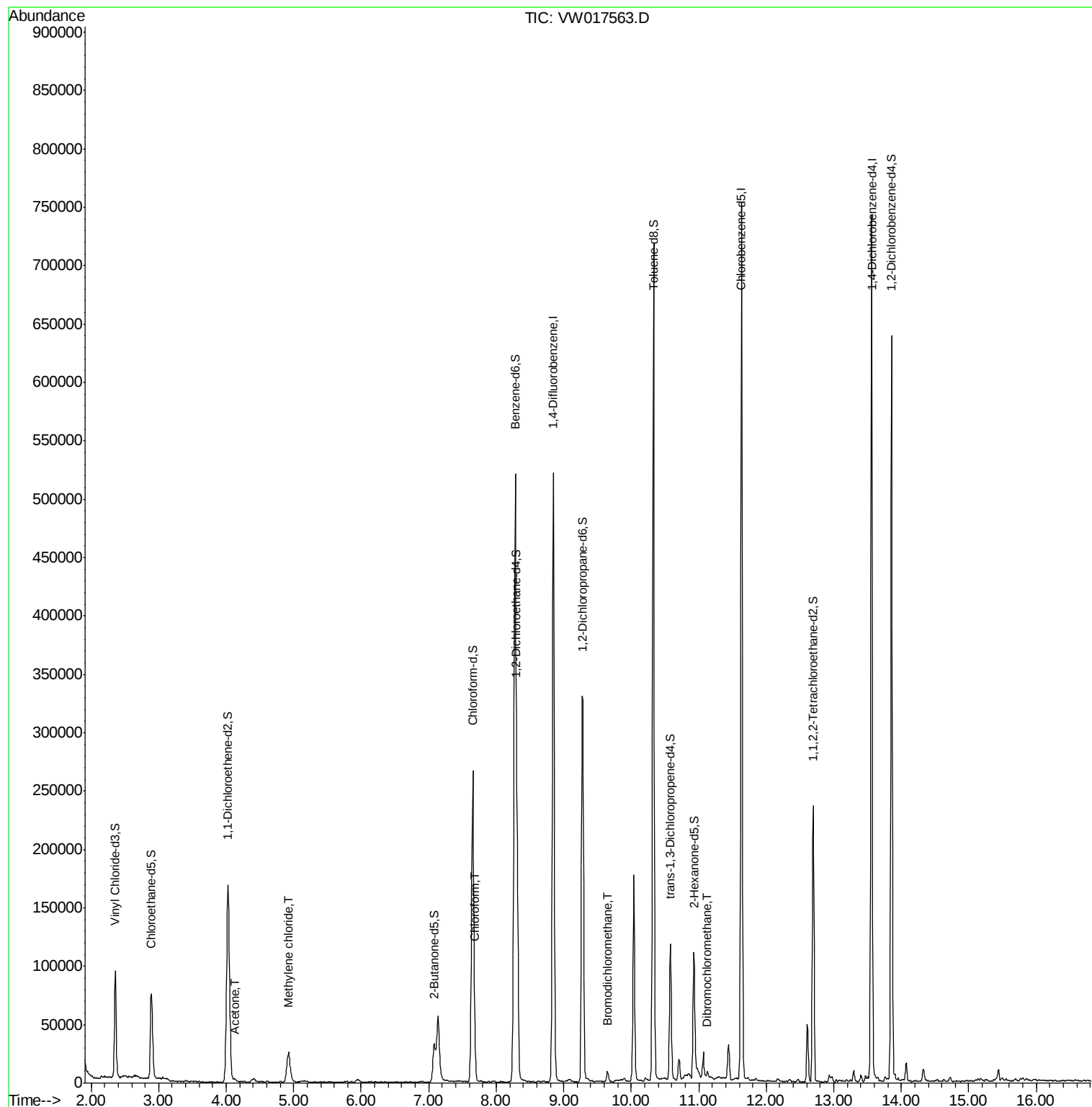
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120420\
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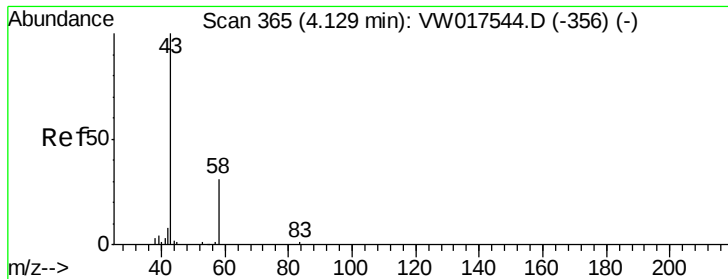
Instrument :
MSVOA_W
ClientSampleId :
BG4K1

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Quant Time: Dec 20 03:40:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 01:44:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.152 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017563.D

Acq: 04 Dec 2020 18:02

Instrument :

MSVOA_W

ClientSampled :

BG4K1

Tot Ion: 43 Resp: 3722

Ion Ratio Lower Upper

43 100

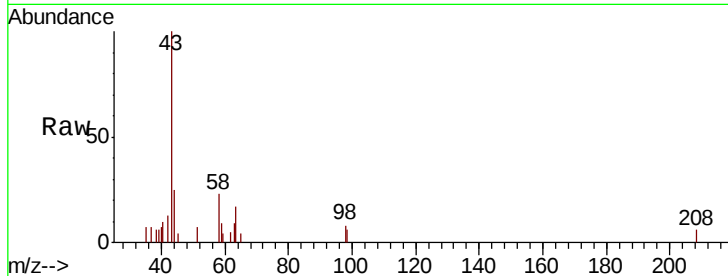
58 17.8 0.0 68.4

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

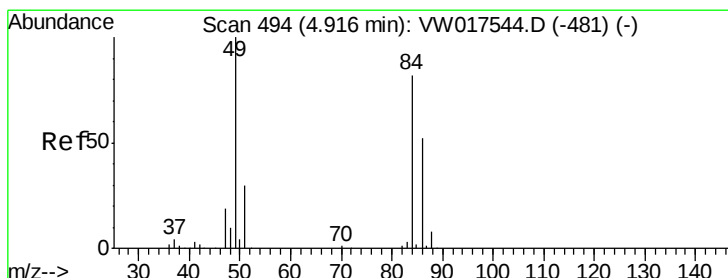
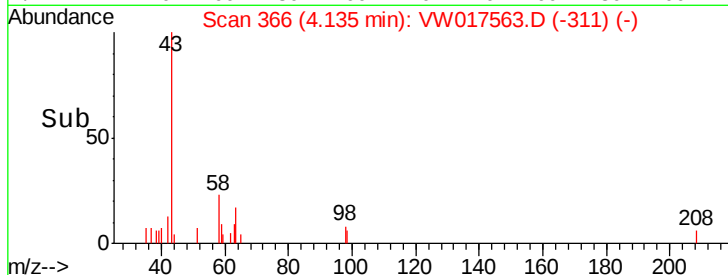
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 3.201 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017563.D

Acq: 04 Dec 2020 18:02

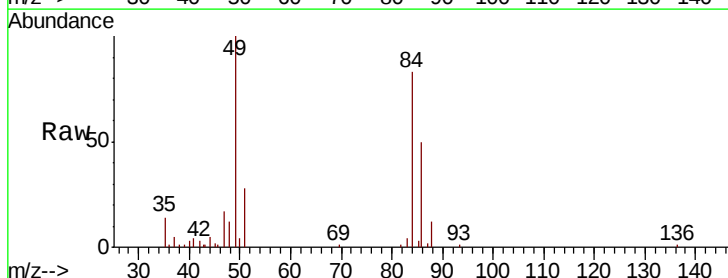
Tgt Ion: 84 Resp: 21255

Ion Ratio Lower Upper

84 100

49 121.2 81.2 150.8

86 60.8 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

8000

6000

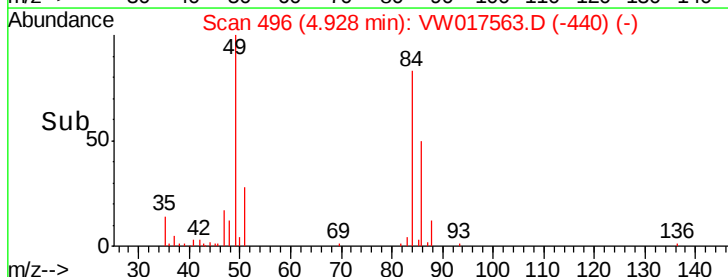
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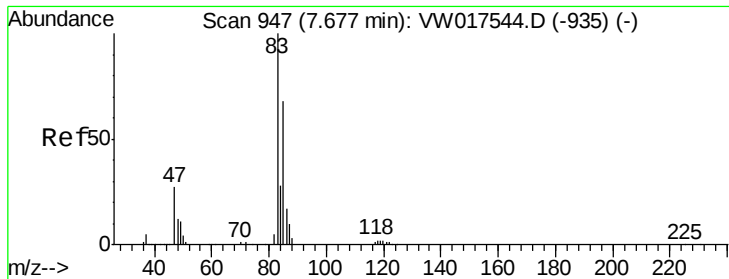
2000

0

4.80 4.90 5.00 5.10

Time-->





#25

Chloroform

Concen: 1.149 ug/L

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW017563.D

Acq: 04 Dec 2020 18:02

Instrument :

MSVOA_W

ClientSampled :

BG4K1

Tot Ion: 83 Resp: 12909

Ion Ratio Lower Upper

83 100

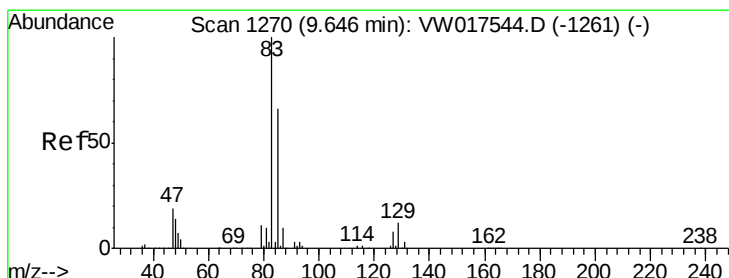
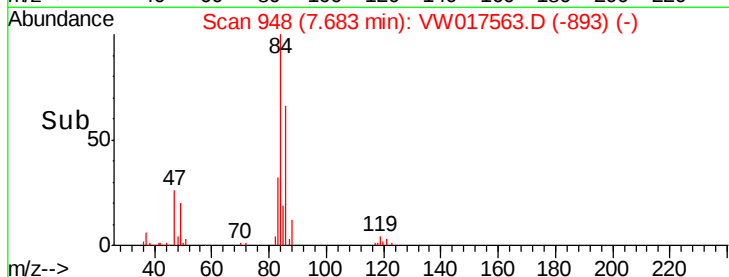
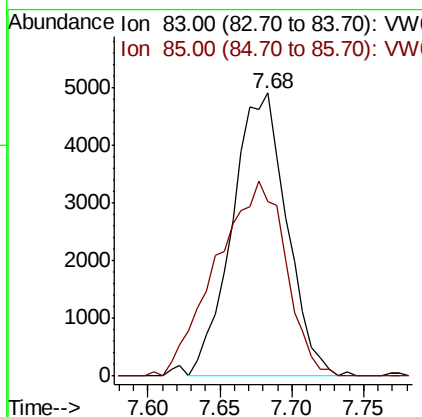
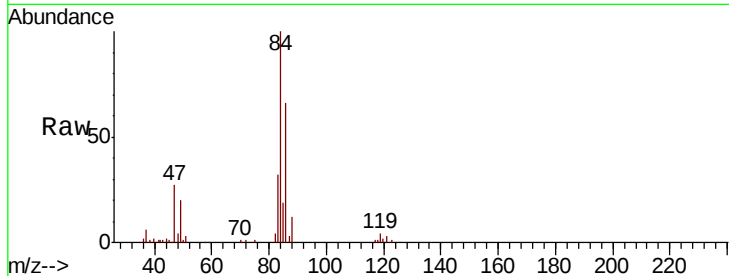
85 87.2 45.7 84.9#

Manual Integrations

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#41

Bromodichloromethane

Concen: 0.685 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW017563.D

Acq: 04 Dec 2020 18:02

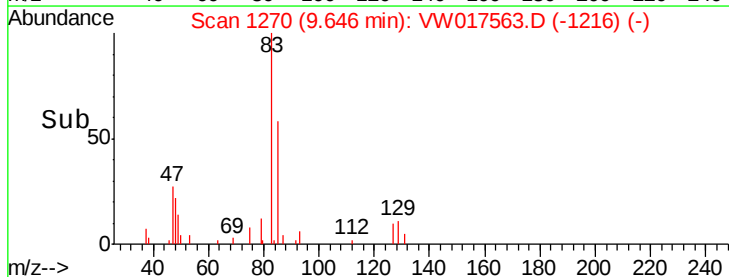
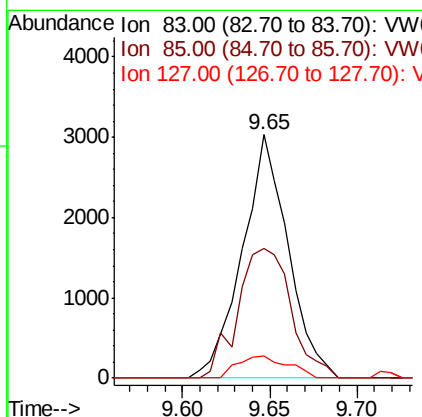
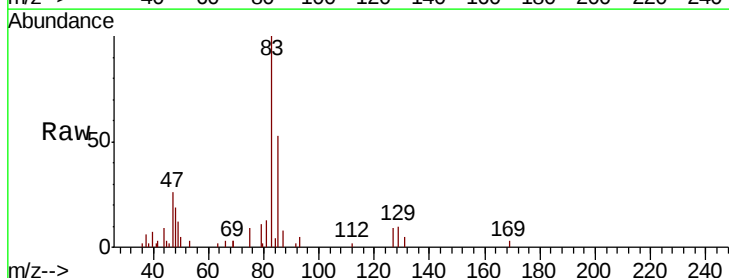
Tgt Ion: 83 Resp: 5518

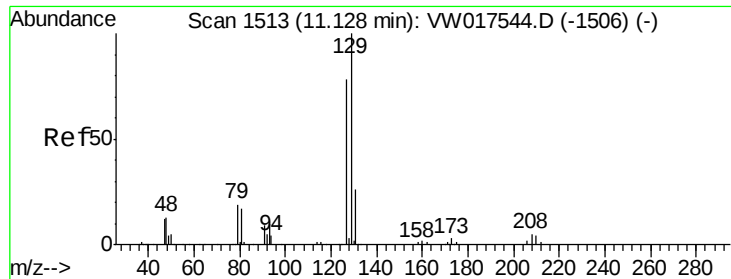
Ion Ratio Lower Upper

83 100

85 53.4 46.8 86.8

127 8.9 7.6 11.4





#50
 Dibromochloromethane
 Concen: 0.568 ug/L
 RT: 11.13 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: VW017563.D
 Acq: 04 Dec 2020 18:02

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K1

Tot Ion	Ratio	Lower	Upper
129	100		
127	62.2	53.2	98.8

Manual Integrations
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