

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101520\
 Data File : VW016900.D
 Acq On : 14 Oct 2020 13:13
 Operator : SY/VA
 Sample : L4382-10
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X8

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 10:59:05 AM

Quant Time: Oct 15 08:46:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 08:29:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	562620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138898	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
7) Chloroethane-d5	2.89	69	116454	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
10) 1,1-Dichloroethene-d2	4.02	63	210341	17.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.08	46	58137	46.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.48%
24) Chloroform-d	7.65	84	297451	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	147664	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.00%
29) Benzene-d6	8.27	84	607619	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	9.27	67	167379	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	10.32	98	574990	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	10.58	79	68238	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.16%
39) 2-Hexanone-d5	10.93	63	47606	49.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123907	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	211427	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds

					Ovalue
13) Acetone	4.14	43	1443m	1.517 ug/L	
16) Methylene chloride	4.92	84	18976	2.444 ug/L	91
47) Tetrachloroethene	10.87	164	8537	1.185 ug/L	96

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

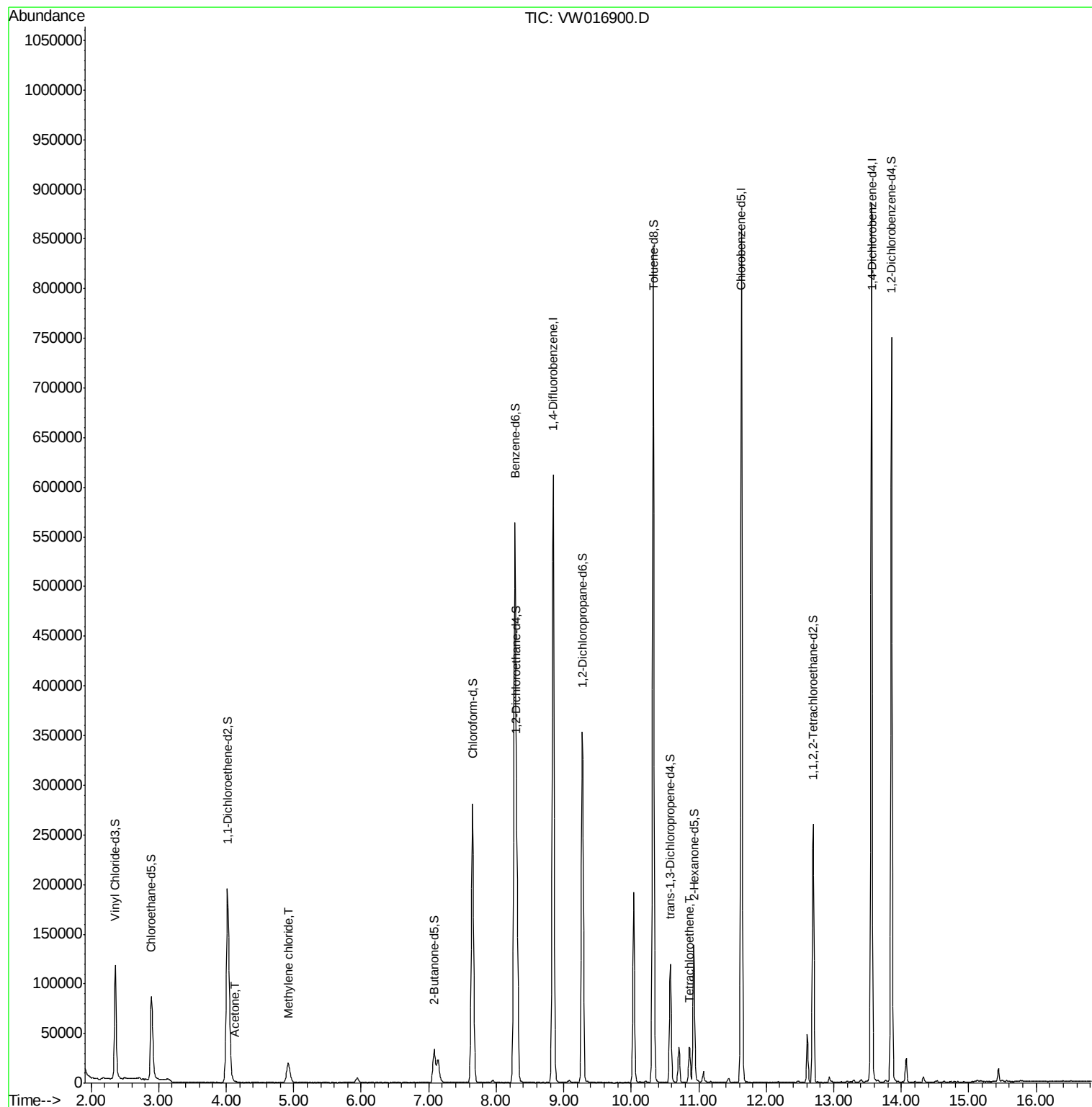
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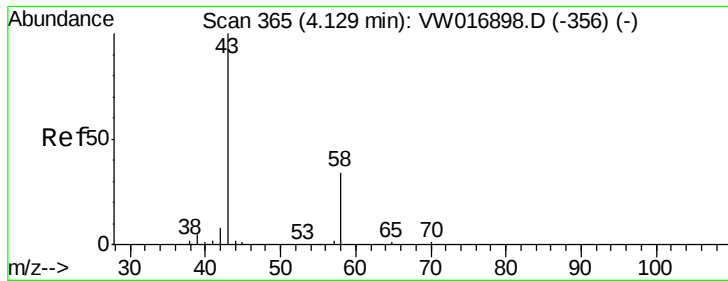
Instrument :
MSVOA_W
ClientSampled :
BG3X8

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#13

Acetone

Concen: 1.517 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016900.D

Acq: 14 Oct 2020 13:13

Instrument :

MSVOA_W

ClientSampled :

BG3X8

Tot Ion: 43 Resp: 1443

Ion Ratio Lower Upper

43 100

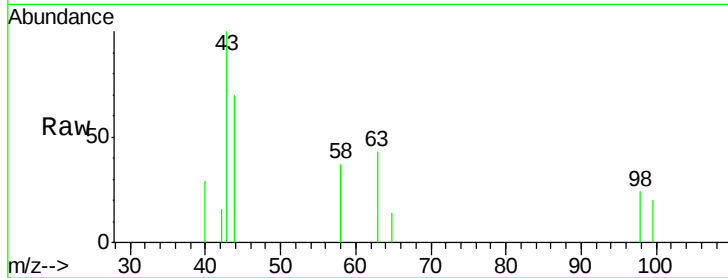
58 34.8 0.0 67.6

Manual Integrations

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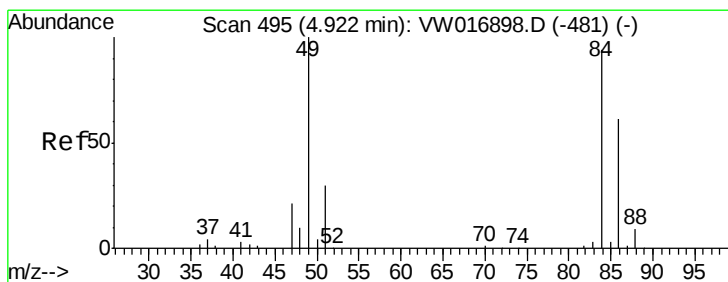
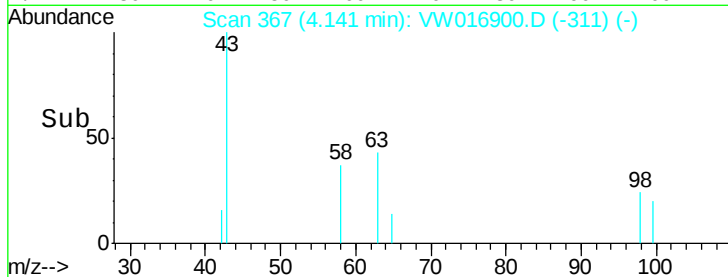
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.444 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016900.D

Acq: 14 Oct 2020 13:13

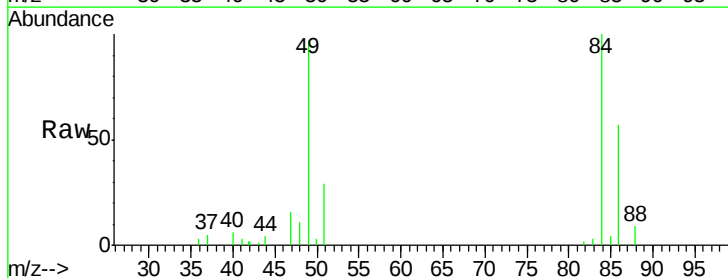
Tgt Ion: 84 Resp: 18976

Ion Ratio Lower Upper

84 100

49 97.1 73.1 135.8

86 57.1 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW

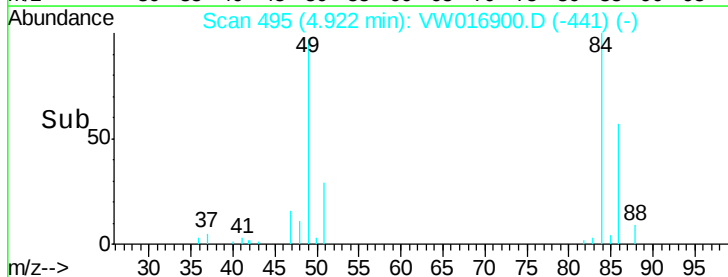
Ion 49.00 (48.70 to 49.70): VW

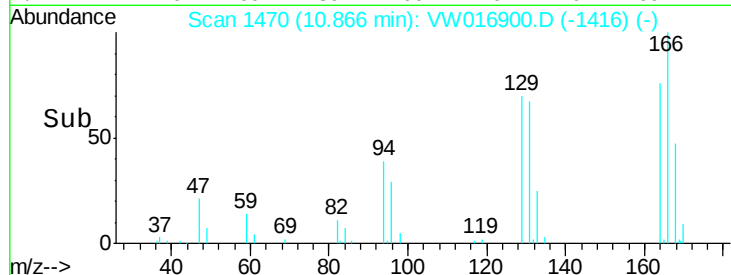
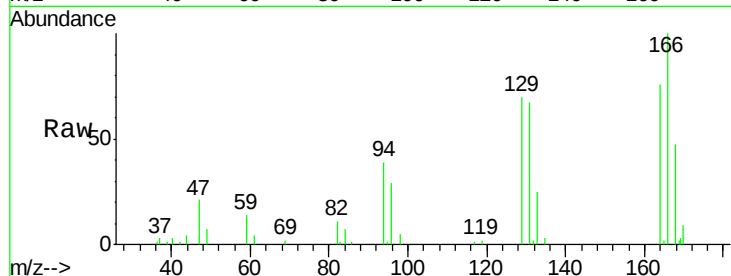
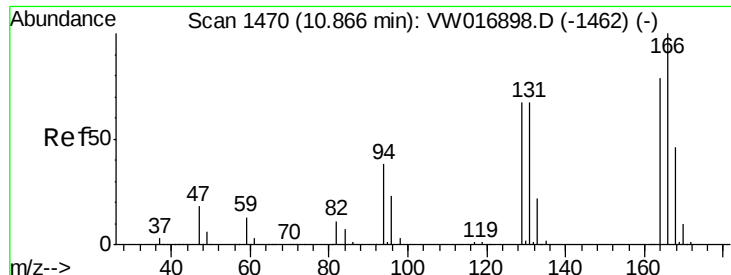
Ion 86.00 (85.70 to 86.70): VW

4.92

4.80 4.90 5.00

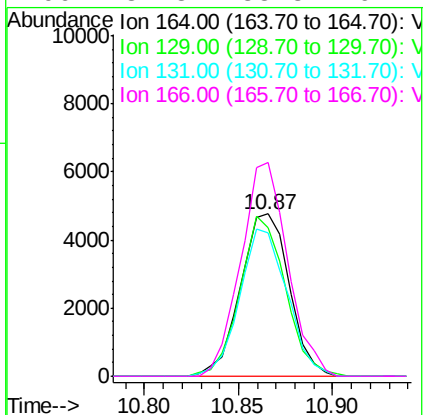
Time-->





#47
Tetrachloroethene
Concen: 1.185 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016900.D
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Tot Ion:	164	Resp:	8537
Ion	Ratio	Lower	Upper
164	100		
129	91.9	61.7	114.7
131	88.8	59.7	110.9
166	131.8	88.3	164.1



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