

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016813.D
 Acq On : 06 Oct 2020 23:29
 Operator : SY/VA
 Sample : L4209-09
 Misc : 5.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWT2

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:35 PM

Quant Time: Oct 07 04:58:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	558674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	501012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	158304	28.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.88%
7) Chloroethane-d5	2.90	69	130766	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.12%
10) 1,1-Dichloroethene-d2	4.03	63	224269	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	7.08	46	58399	46.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.56%
24) Chloroform-d	7.65	84	316920	26.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	8.31	65	156253	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	652941	28.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.76%
33) 1,2-Dichloropropane-d6	9.27	67	173371	28.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.40%
37) Toluene-d8	10.32	98	626724	29.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.76%
38) trans-1,3-Dichloropropene-	10.58	79	70027	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.84%
39) 2-Hexanone-d5	10.93	63	47792	50.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123677	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	208308	28.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.96%

Target Compounds

				Ovalue
13) Acetone	4.14	43	4514m	4.778 ug/L
16) Methylene chloride	4.93	84	11662	1.513 ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	2570	0.839 ug/L 94
47) Tetrachloroethene	10.87	164	2482	0.352 ug/L 95

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

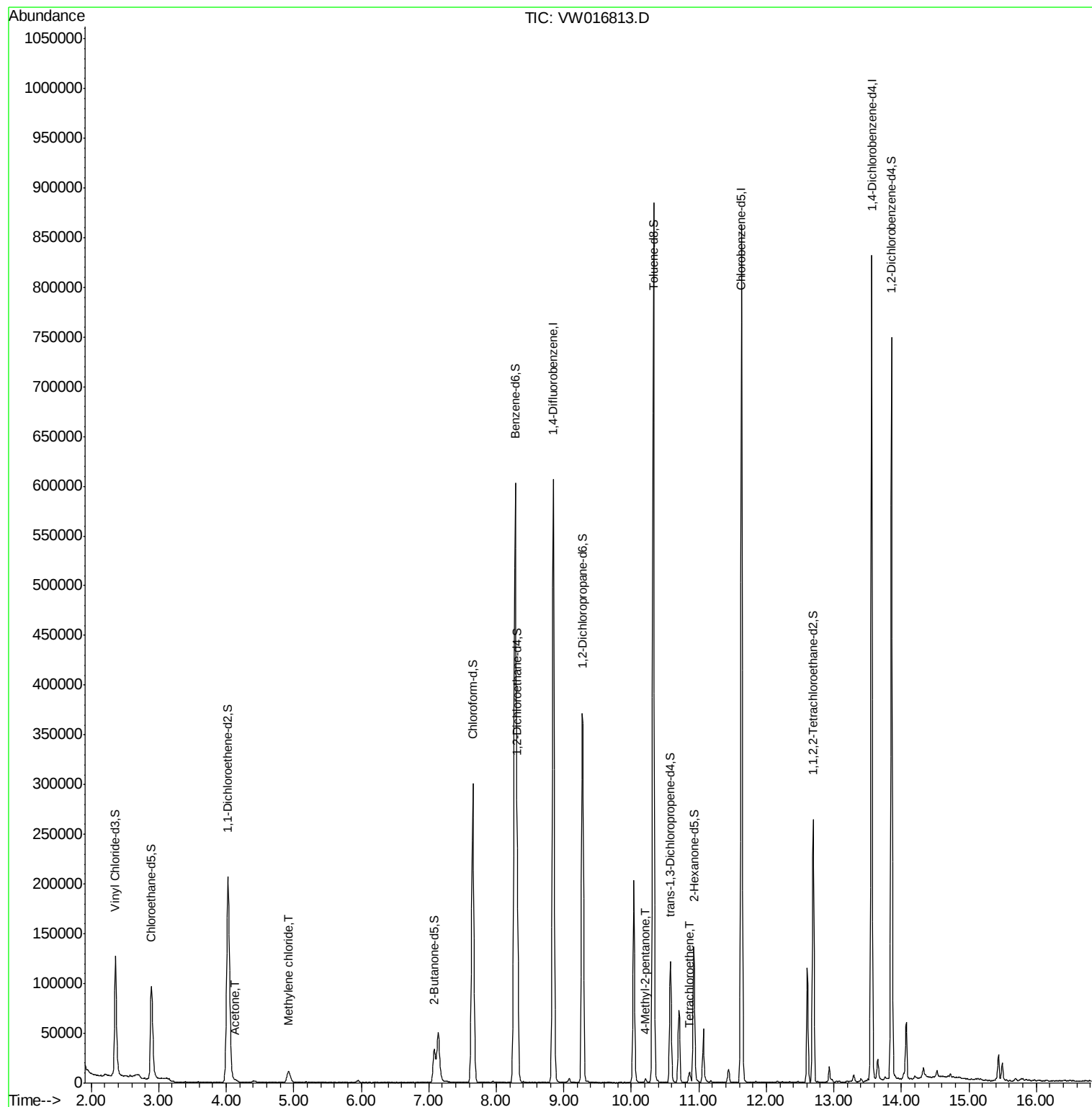
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
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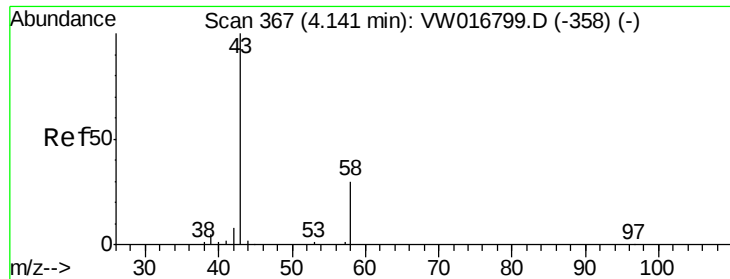
Instrument :
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ClientSampleId :
JLWT2

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Quant Time: Oct 07 04:58:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.778 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016813.D

Acq: 06 Oct 2020 23:29

Instrument :

MSVOA_W

ClientSampled :

JLWT2

Tot Ion: 43 Resp: 4514

Ion Ratio Lower Upper

43 100

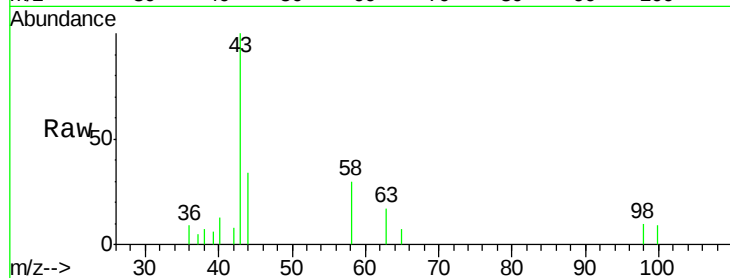
58 30.8 0.0 67.6

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

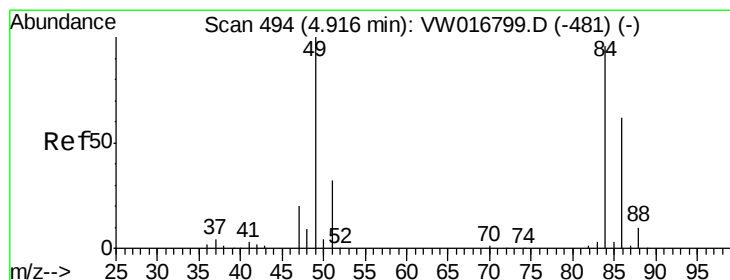
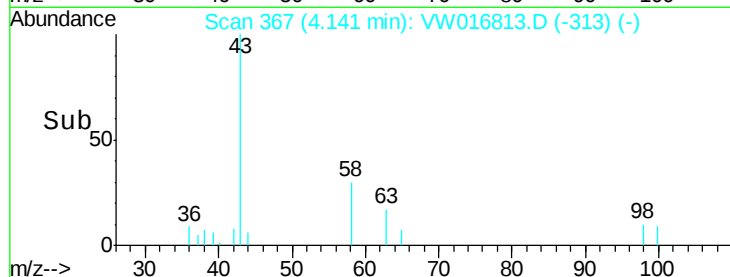
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.513 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016813.D

Acq: 06 Oct 2020 23:29

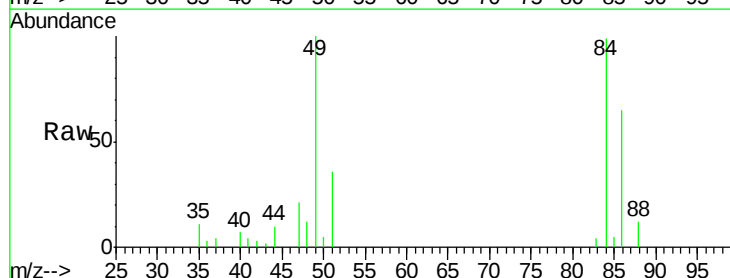
Tgt Ion: 84 Resp: 11662

Ion Ratio Lower Upper

84 100

49 100.5 73.1 135.8

86 65.7 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

4.93

4000

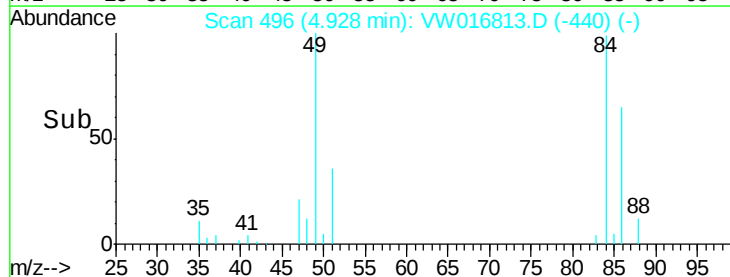
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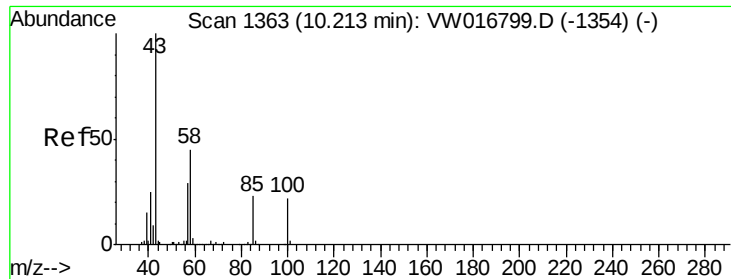
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Time-->





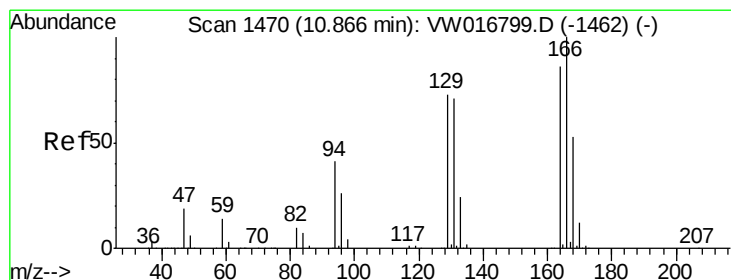
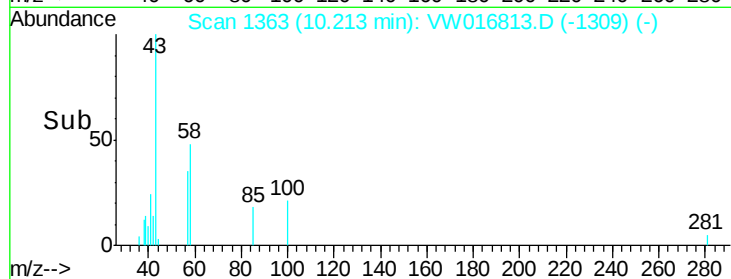
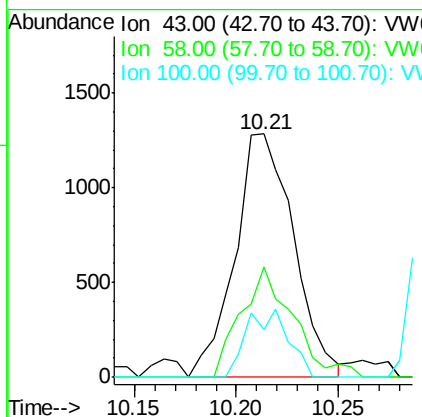
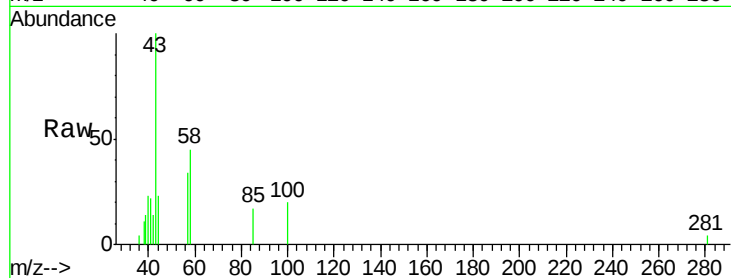
#43
4-Methyl-2-pentanone
Concen: 0.839 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016813.D
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Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	34.7	52.1
100	19.9	16.9	25.3

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#47
Tetrachloroethene
Concen: 0.352 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016813.D
Acq: 06 Oct 2020 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.3	61.7	114.7
131	80.6	59.7	110.9
166	135.4	88.3	164.1

