

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017280.D
 Acq On : 17 Nov 2020 12:50
 Operator : SY/VA
 Sample : L4710-02RE
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW7

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:17 AM

Quant Time: Nov 18 03:40:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	185762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64799	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	59257	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.02	63	99129	16.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.08%
20) 2-Butanone-d5	7.08	46	17136	22.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.68%
24) Chloroform-d	7.65	84	143658	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	67942	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	8.28	84	267346	28.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.04%
33) 1,2-Dichloropropane-d6	9.27	67	72197	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.36%
37) Toluene-d8	10.33	98	233716	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.80%
38) trans-1,3-Dichloropropene-	10.58	79	23597	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	11970	26.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37960	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	36012	20.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.12%

Target Compounds					Ovalue
13) Acetone	4.13	43	1501m	2.988	ug/L
16) Methylene chloride	4.92	84	15997	4.455	ug/L
44) Toluene	10.40	91	2630	0.245	ug/L
47) Tetrachloroethene	10.87	164	1019	0.413	ug/L

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

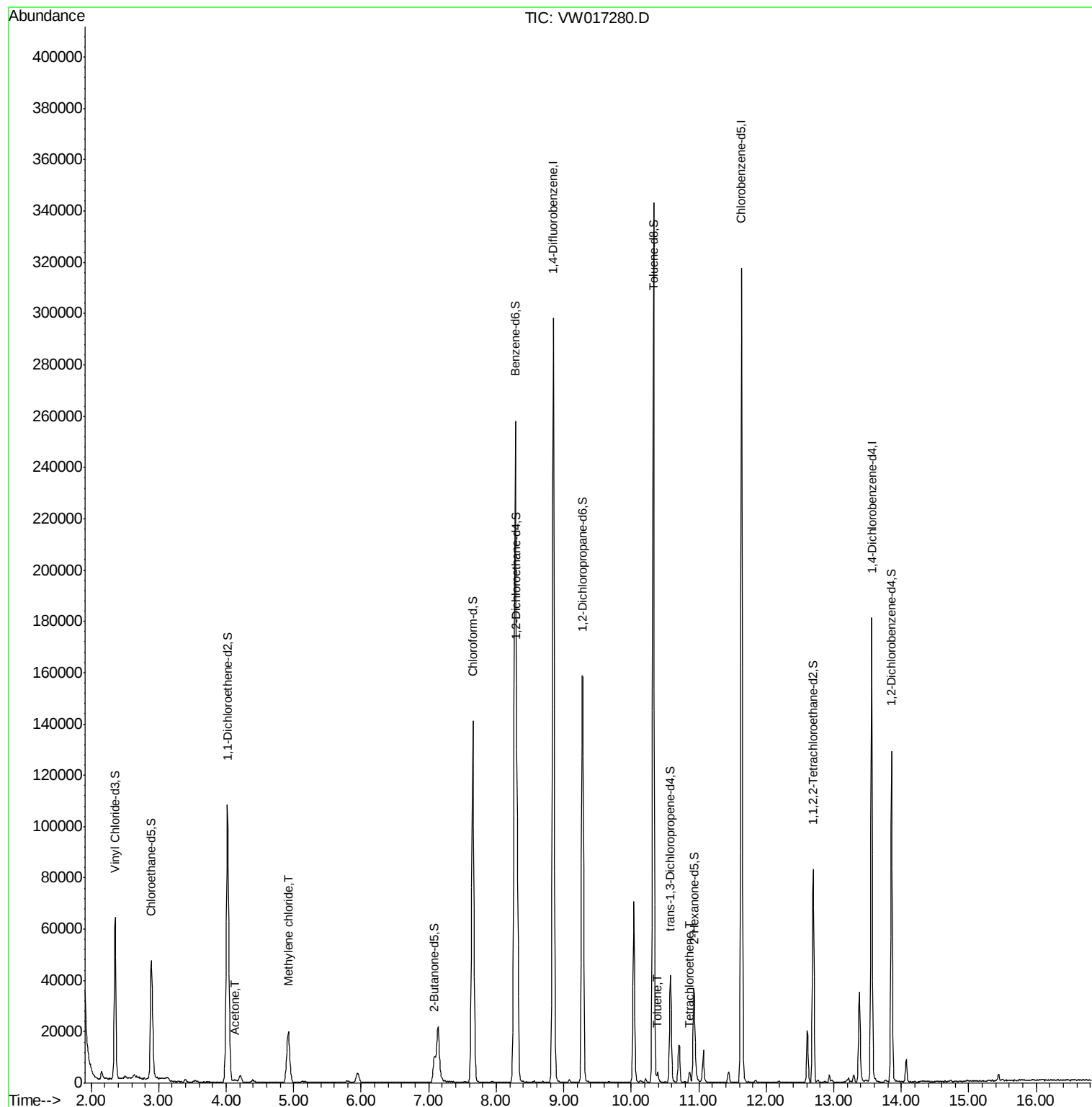
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017280.D
Acq On : 17 Nov 2020 12:50
Operator : SY/VA
Sample : L4710-02RE
Misc : 4.66G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

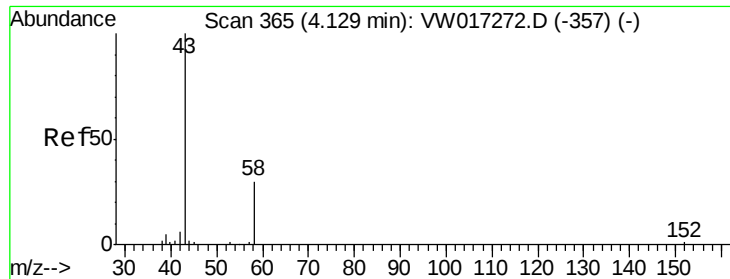
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.988 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

C0AW7

Tot Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

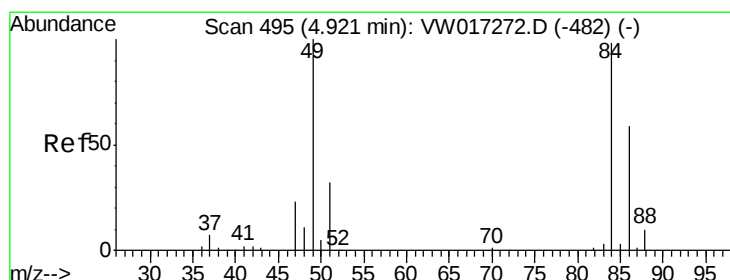
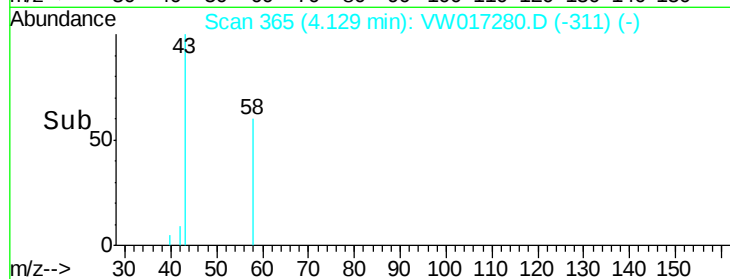
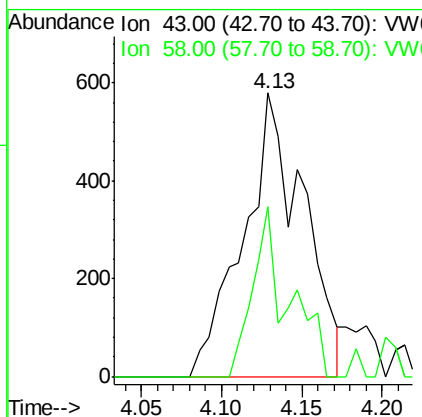
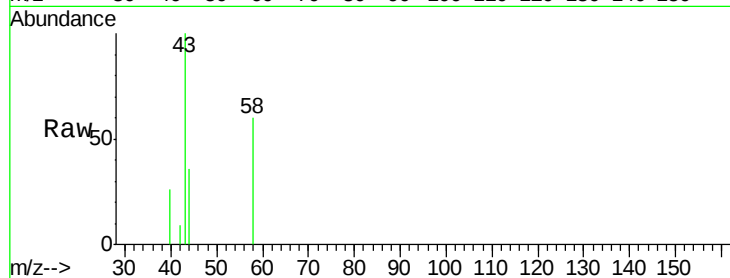
58 22.0 0.0 69.2

Manual Integrations

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11/19/2020 11:09:17 AM



#16

Methylene chloride

Concen: 4.455 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

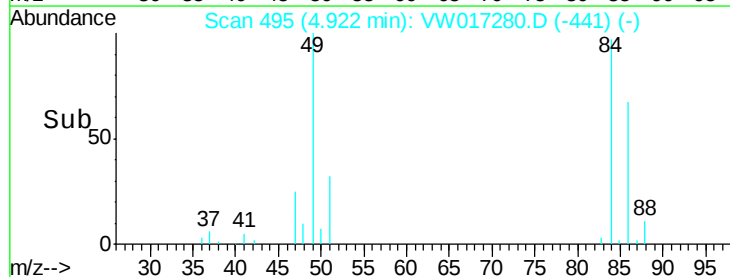
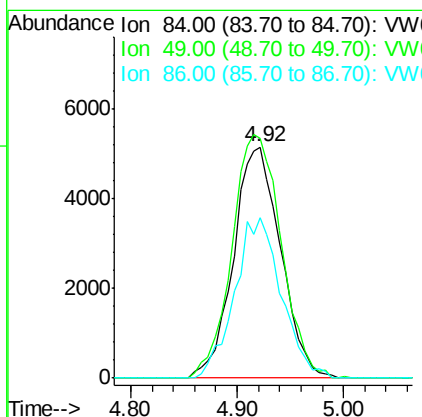
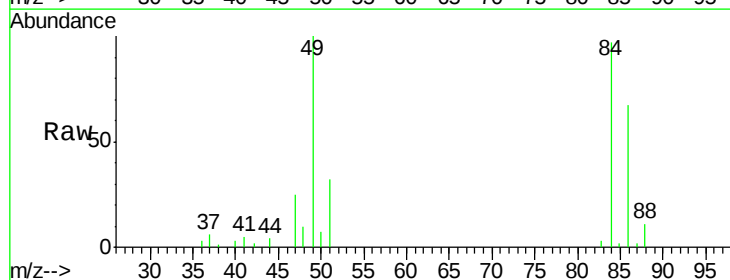
Tgt Ion: 84 Resp: 15997

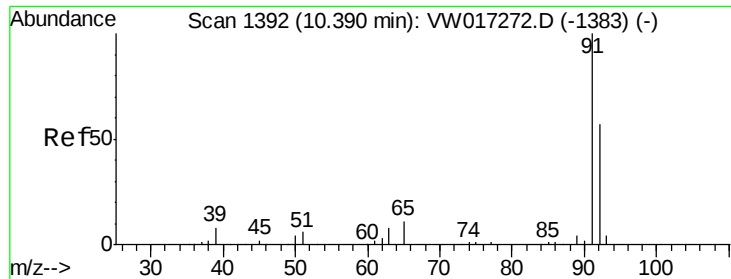
Ion Ratio Lower Upper

84 100

49 103.6 72.3 134.3

86 69.5 45.1 83.7





#44

Toluene

Concen: 0.245 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

C0AW7

Tot Ion: 91 Resp: 2630

Ion Ratio Lower Upper

91 100

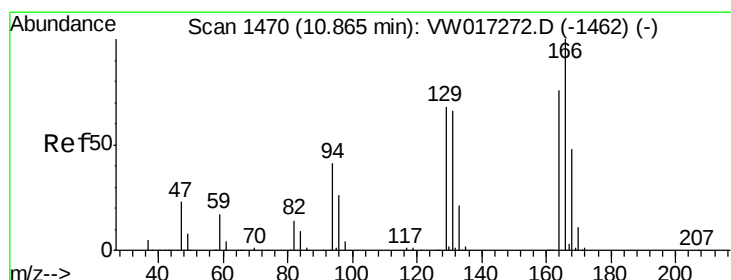
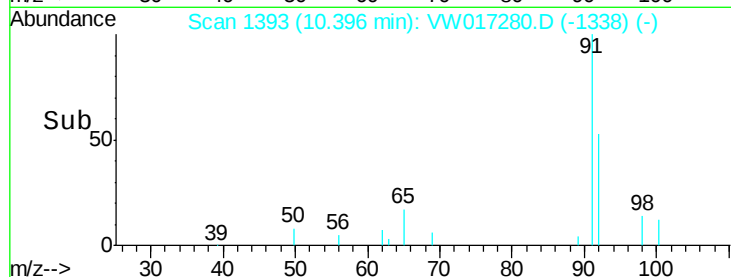
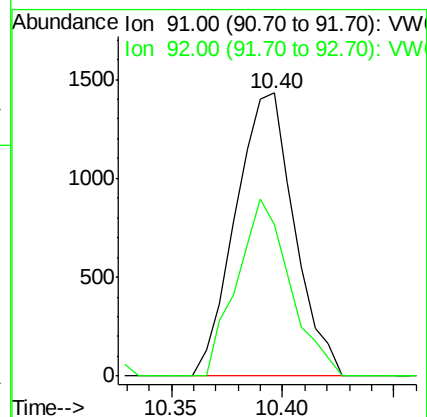
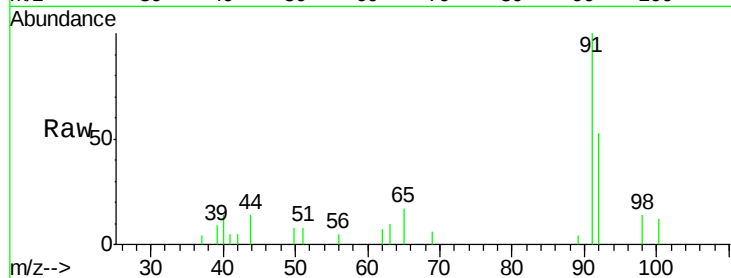
92 53.5 41.4 76.8

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#47

Tetrachloroethene

Concen: 0.413 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017280.D

Acq: 17 Nov 2020 12:50

Tgt Ion: 164 Resp: 1019

Ion Ratio Lower Upper

164 100

129 87.8 62.9 116.7

131 78.9 63.3 117.5

166 112.8 92.0 170.8

