

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016727.D
 Acq On : 01 Oct 2020 10:41
 Operator : SY/VA
 Sample : L4184-20
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AP4

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 4:52:53 PM

Quant Time: Oct 01 21:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	592998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	471071	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	111971	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.91	69	108694	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	186723	14.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.20%
20) 2-Butanone-d5	7.08	46	73660	47.07	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
24) Chloroform-d	7.66	84	307404	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	8.31	65	164101	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.28	84	586257	27.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.00%
33) 1,2-Dichloropropane-d6	9.28	67	170823	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.36%
37) Toluene-d8	10.33	98	518884	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	68183	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	55168	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128984	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	144228	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds					Ovalue
13) Acetone	4.14	43	1867	1.523 ug/L	75
16) Methylene chloride	4.94	84	12187m	1.332 ug/L	

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

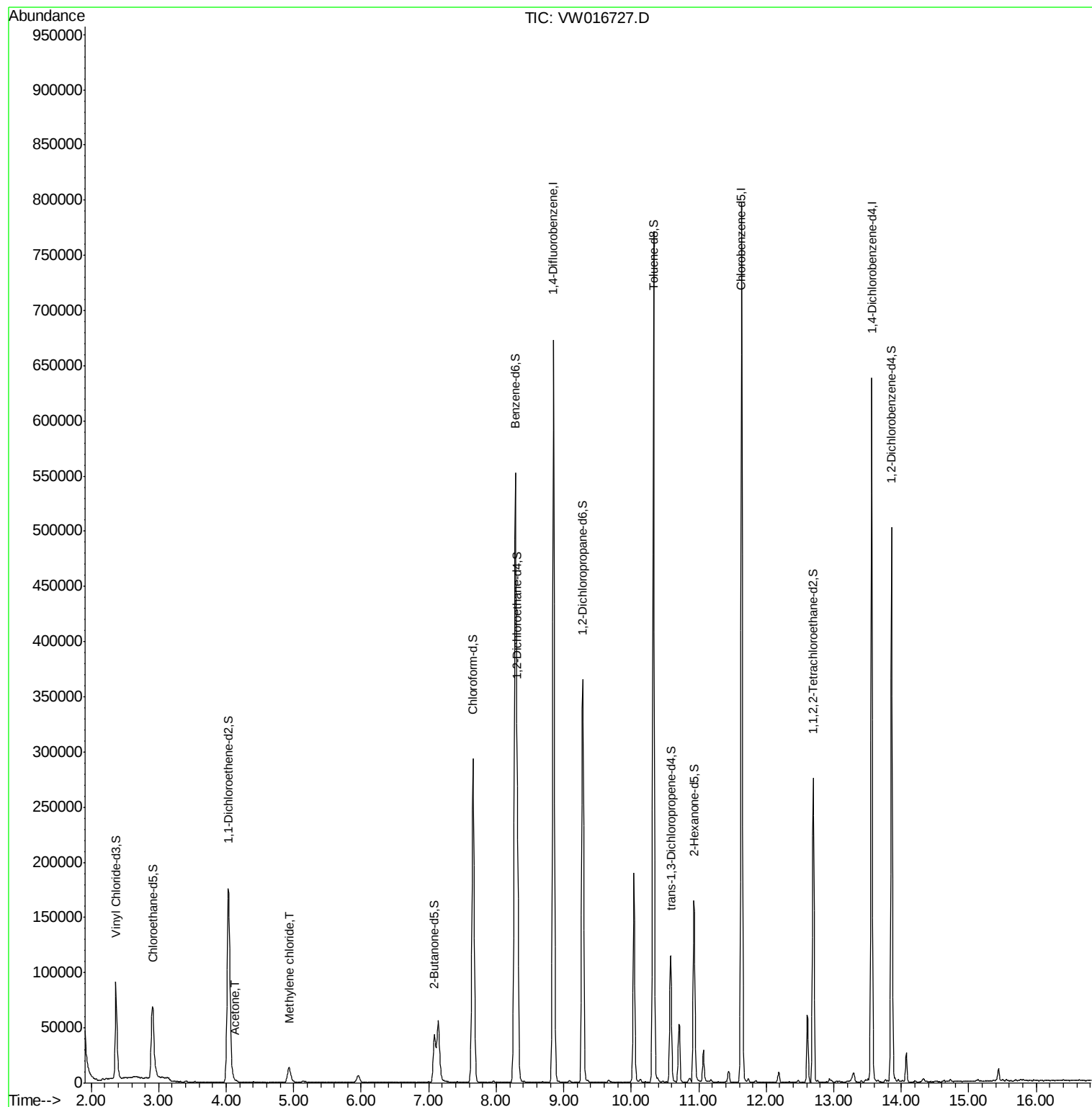
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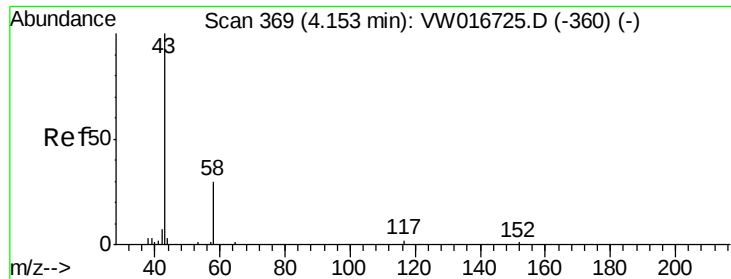
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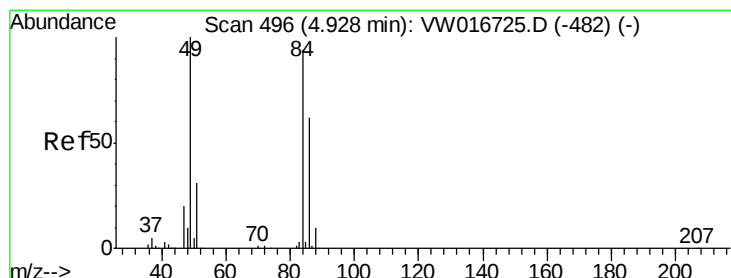
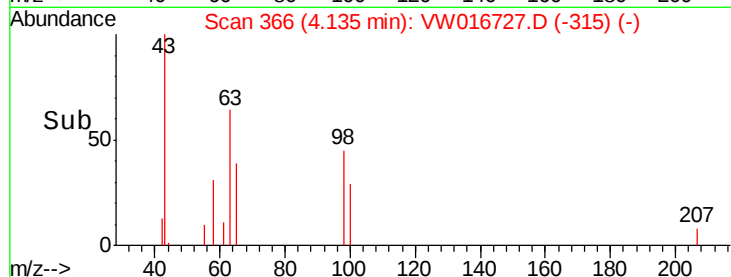
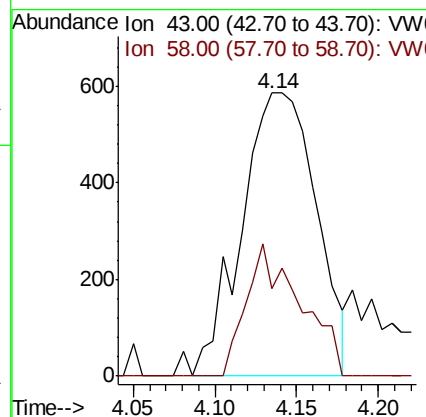
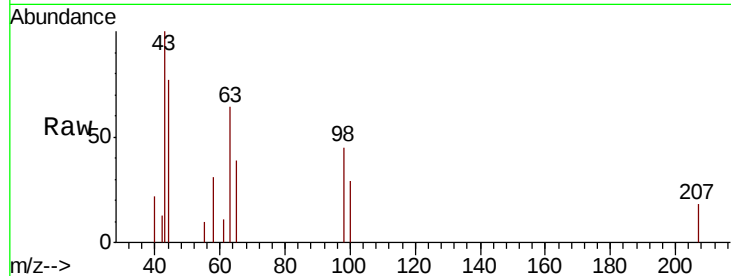
#13
Acetone
Concen: 1.523 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW016727.D
Acq: 01 Oct 2020 10:41

Instrument :
MSVOA_W
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Tot Ion	43	Resp	1867
Ion Ratio	43	100	Lower Upper
	58	16.6	0.0 60.2

Manual Integrations
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#16
Methylene chloride
Concen: 1.332 ug/L m
RT: 4.94 min Scan# 498
Delta R.T. 0.01 min
Lab File: VW016727.D
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Tgt Ion	84	Resp	12187
Ion Ratio	84	100	Lower Upper
	49	93.1	76.0 141.2
	86	63.3	45.6 84.6

