

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015949.D
 Acq On : 24 Jul 2020 14:49
 Operator : SY/VA
 Sample : L3419-16
 Misc : 4.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF3

Manual Integrations
 APPROVED

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 7/27/2020 8:11:47 AM

Quant Time: Jul 25 06:00:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374753	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118364	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
7) Chloroethane-d5	2.90	69	93247	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.01	63	173137	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.09	46	56091	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
24) Chloroform-d	7.65	84	217852	20.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	8.31	65	126396	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.28	84	447242	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.28	67	137467	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.33	98	375072	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.40%
38) trans-1,3-Dichloropropene-	10.58	79	48240	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	41961	43.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103738	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	92036	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds					Qvalue
13) Acetone	4.12	43	3306m	2.834	ug/L
16) Methylene chloride	4.92	84	16268	2.649	ug/L
44) Toluene	10.39	91	7709	0.384	ug/L

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

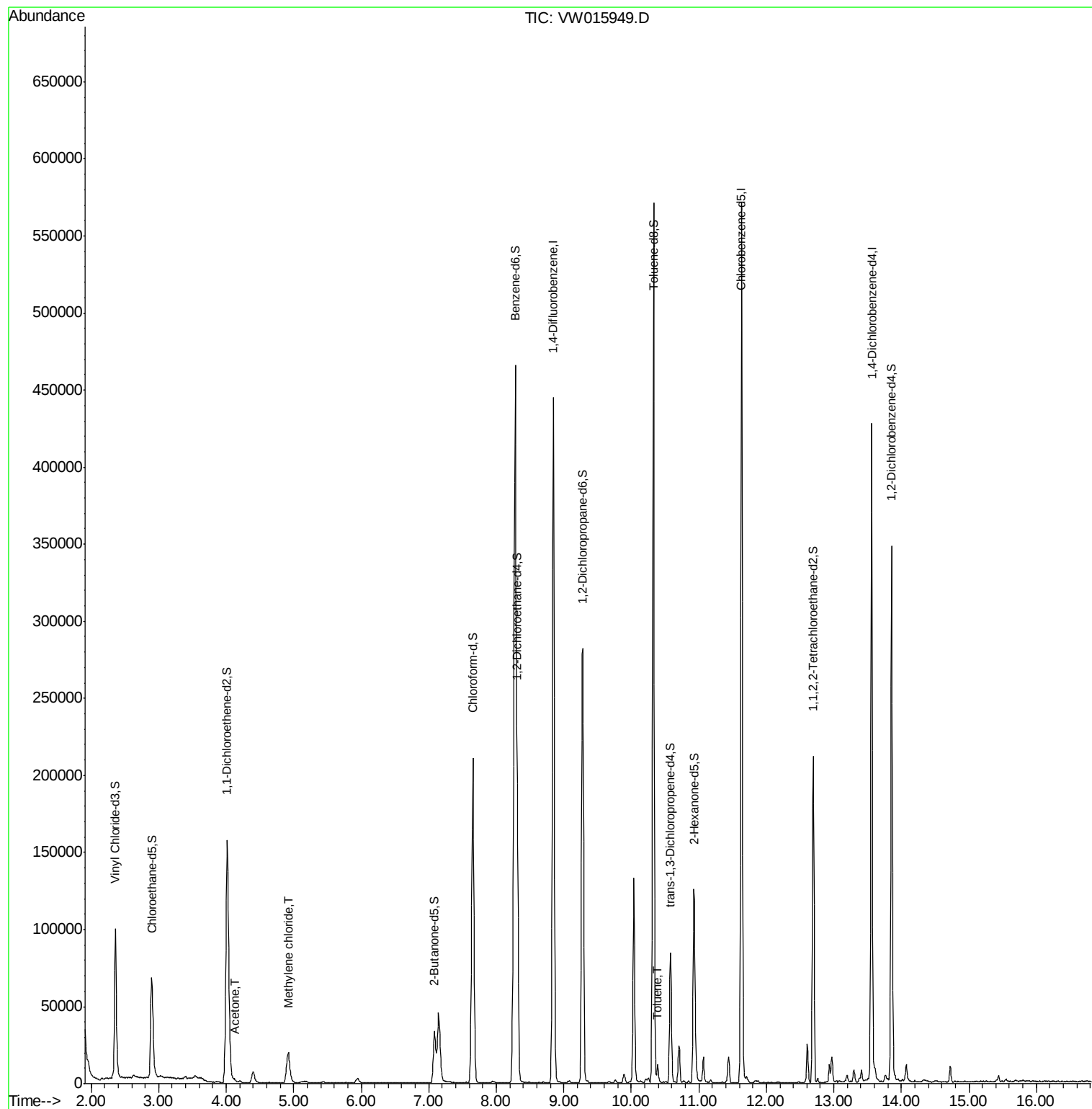
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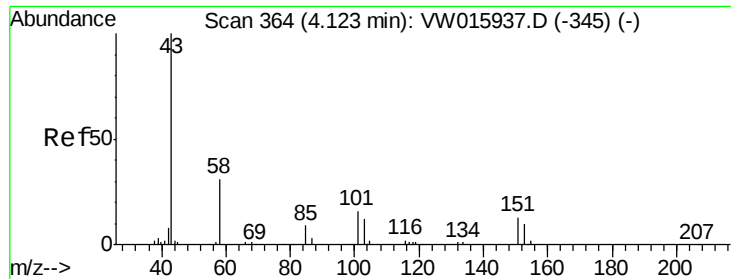
Instrument :
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Response via : Initial Calibration





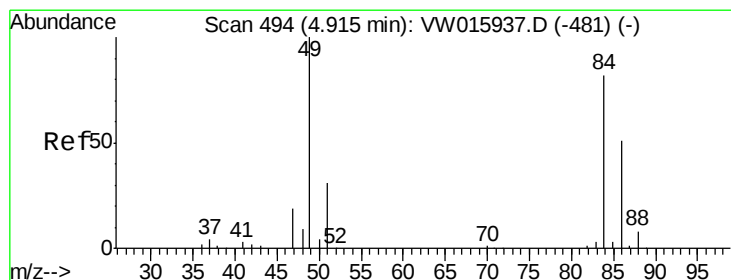
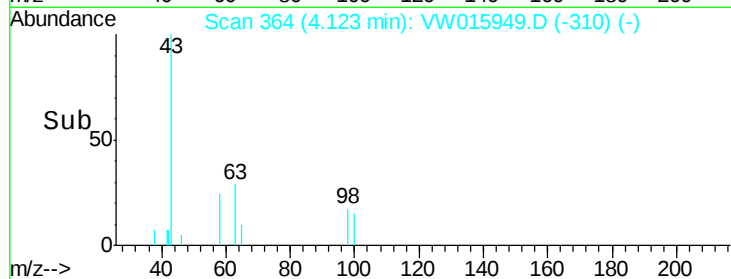
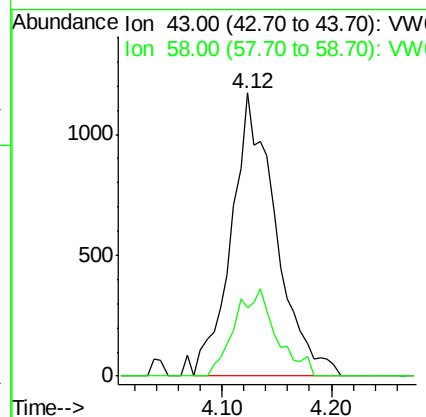
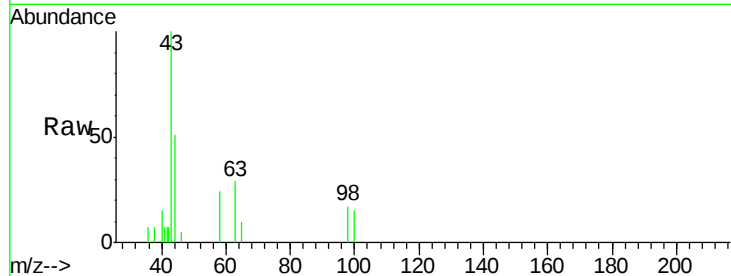
#13
Acetone
Concen: 2.834 ug/L m
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW015949.D
Acq: 24 Jul 2020 14:49

Instrument :
MSVOA_W
ClientSampled :
C0AF3

Tgt Ion: 43 Resp: 3306
Ion Ratio Lower Upper
43 100
58 11.6 0.0 58.2

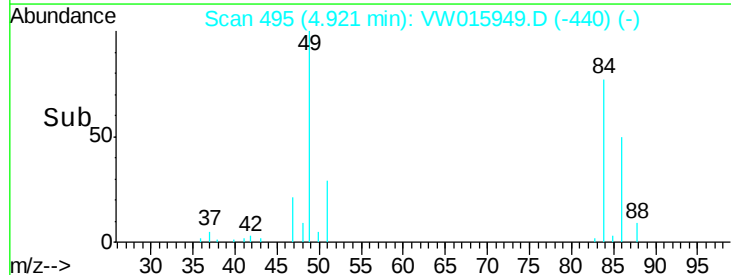
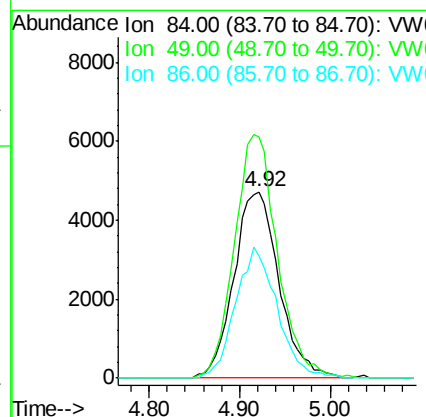
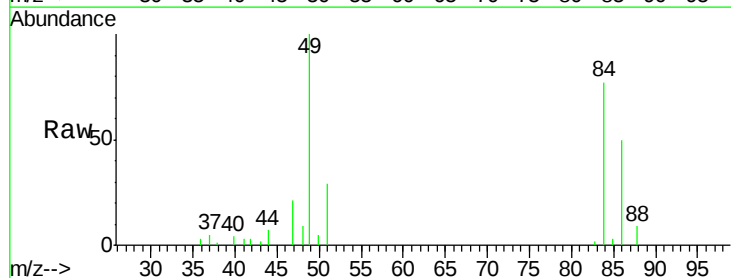
Manual Integrations
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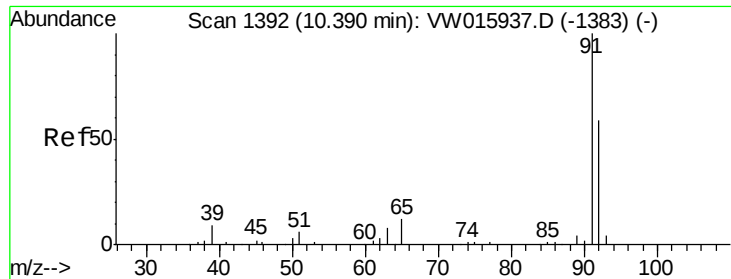
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#16
Methylene chloride
Concen: 2.649 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015949.D
Acq: 24 Jul 2020 14:49

Tgt Ion: 84 Resp: 16268
Ion Ratio Lower Upper
84 100
49 129.5 91.1 169.1
86 65.4 46.0 85.4





#44
Toluene
Concen: 0.384 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015949.D
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Instrument :
MSVOA_W
ClientSampleId :
C0AF3

Tgt Ion: 91 Resp: 7709
Ion Ratio Lower Upper
91 100
92 58.3 41.2 76.4

Manual Integrations
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