

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015950.D
 Acq On : 24 Jul 2020 15:12
 Operator : SY/VA
 Sample : L3419-17
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF8

Manual Integrations
 APPROVED

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 7/27/2020 8:11:49 AM

Quant Time: Jul 25 06:04:33 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	295179	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266863	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106677	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90260	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	74779	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.01	63	135859	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	37292	34.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.16%
24) Chloroform-d	7.65	84	170235	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	92079	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.92%
29) Benzene-d6	8.28	84	356040	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	9.28	67	106021	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.33	98	307954	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.72%
38) trans-1,3-Dichloropropene-	10.58	79	38095	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	10.93	63	26995	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73664	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	93869	22.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.28%

Target Compounds					Qvalue
13) Acetone	4.13	43	24929	27.132 ug/L	94
16) Methylene chloride	4.91	84	16178m	3.345 ug/L	
44) Toluene	10.39	91	13387	0.787 ug/L	100

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

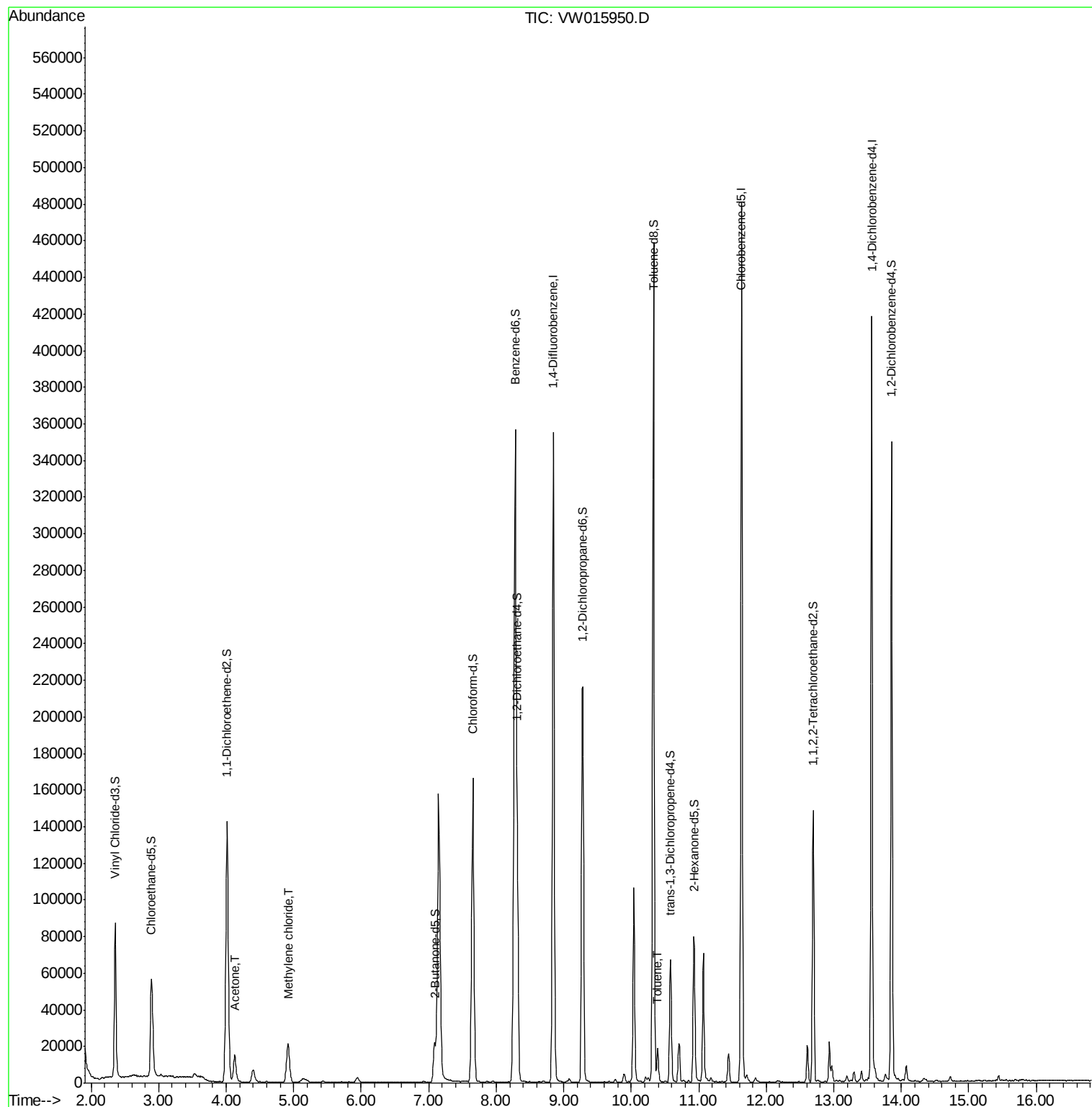
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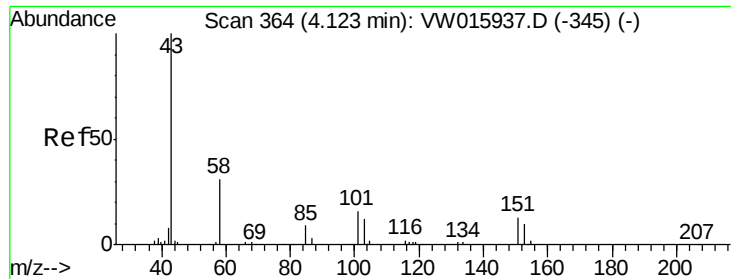
Instrument :
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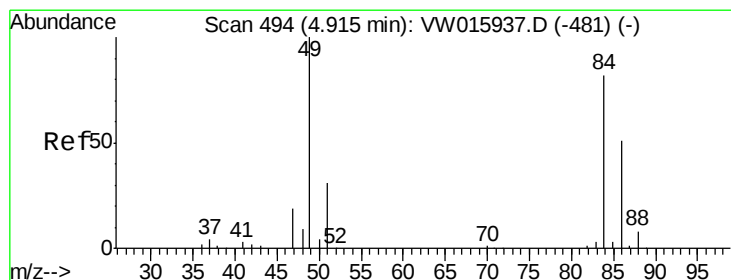
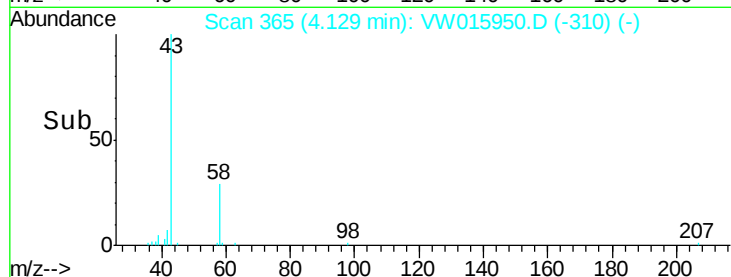
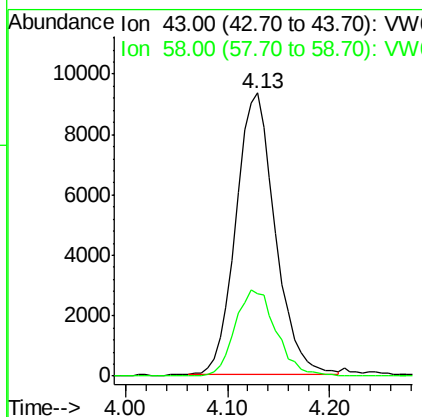
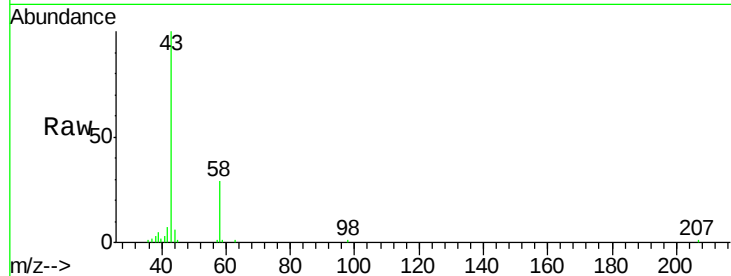
#13
Acetone
Concen: 27.132 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015950.D
Acq: 24 Jul 2020 15:12

Instrument :
MSVOA_W
ClientSampled :
C0AF8

Tgt Ion: 43 Resp: 24929
Ion Ratio Lower Upper
43 100
58 32.3 0.0 58.2

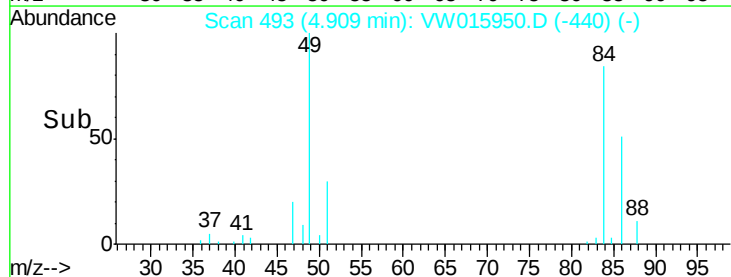
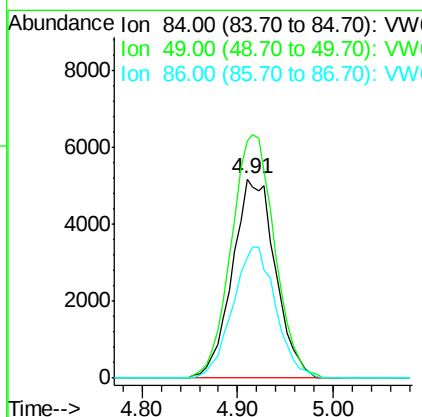
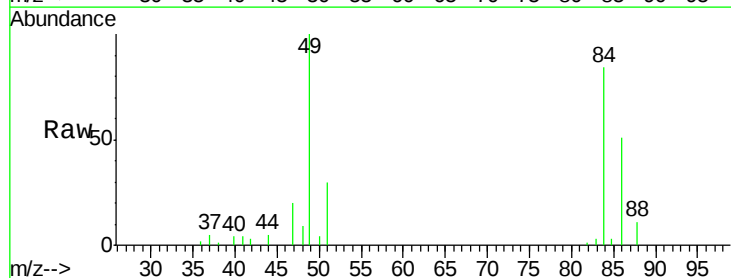
Manual Integrations
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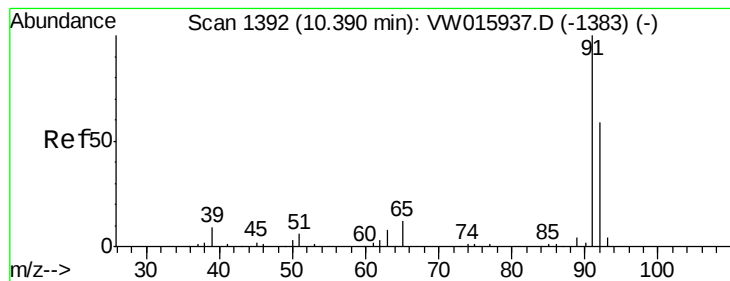
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#16
Methylene chloride
Concen: 3.345 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015950.D
Acq: 24 Jul 2020 15:12

Tgt Ion: 84 Resp: 16178
Ion Ratio Lower Upper
84 100
49 119.2 91.1 169.1
86 60.3 46.0 85.4





#44

Toluene

Concen: 0.787 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

C0AF8

Tgt Ion: 91 Resp: 13387

Ion Ratio Lower Upper

91 100

92 59.2 41.2 76.4

Manual Integrations

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