

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016686.D
 Acq On : 29 Sep 2020 15:04
 Operator : SY/VA
 Sample : L4184-12
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL6

Manual Integrations
 APPROVED

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 10/1/2020 2:43:06 PM

Quant Time: Sep 30 22:31:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	623147	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511595	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	117943	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.91	69	107363	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	4.03	63	198650	14.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.92%
20) 2-Butanone-d5	7.08	46	64153	39.01	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.02%
24) Chloroform-d	7.66	84	303904	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	157675	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.28	84	581081	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	9.28	67	163047	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.88%
37) Toluene-d8	10.33	98	537106	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	10.58	79	68627	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	51433	45.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122021	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	149704	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds					Ovalue
13) Acetone	4.15	43	2701m	2.097 ug/L	
16) Methylene chloride	4.93	84	10771	1.121 ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	3958	0.527 ug/L	96

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

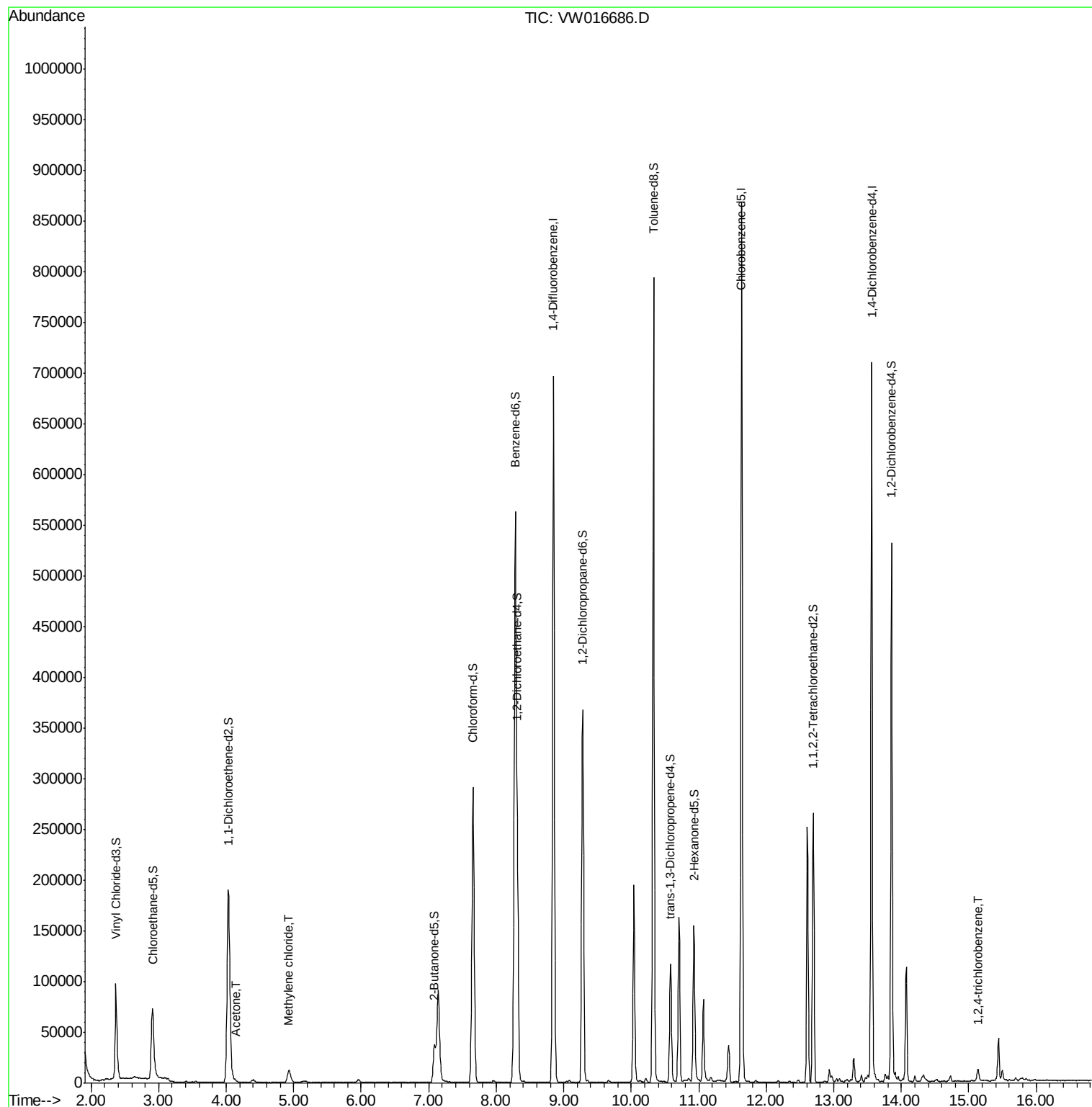
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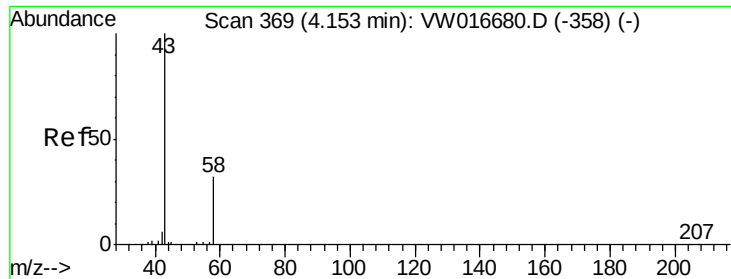
Instrument :
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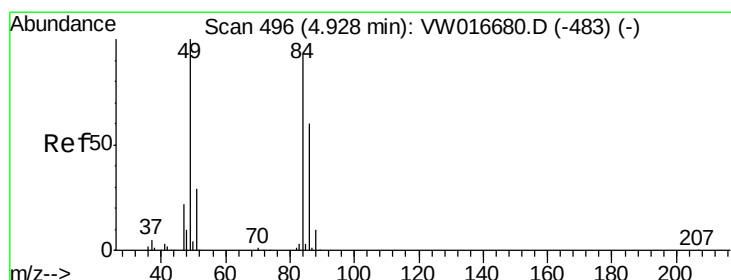
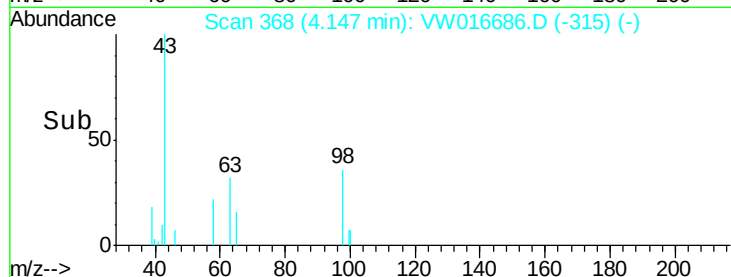
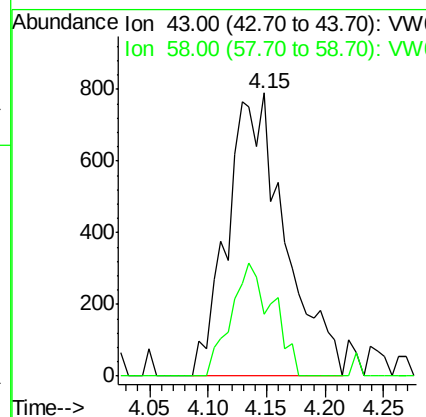
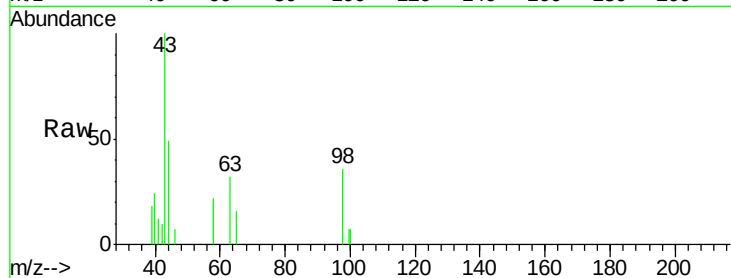
#13
Acetone
Concen: 2.097 ug/L m
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW016686.D
Acq: 29 Sep 2020 15:04

Instrument :
MSVOA_W
ClientSampled :
C0AL6

Tot Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 20.9 0.0 60.2

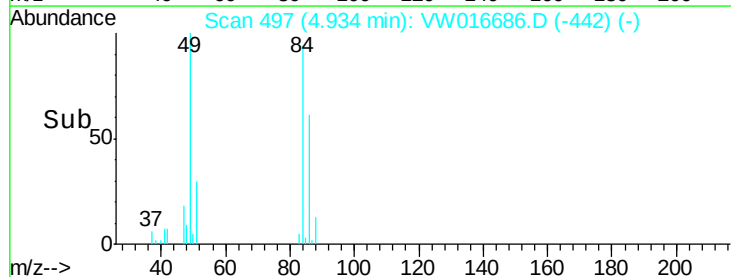
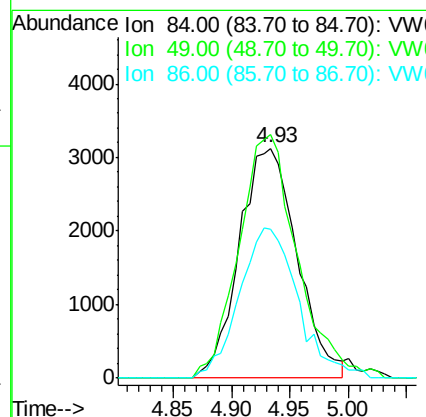
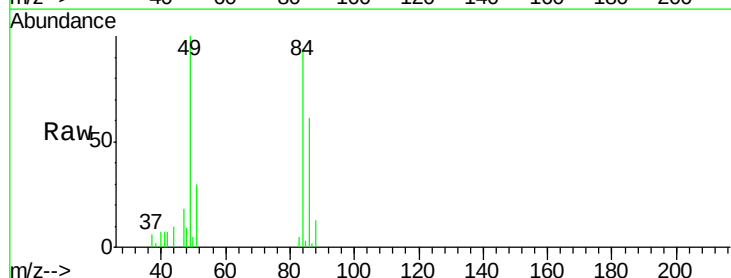
Manual Integrations
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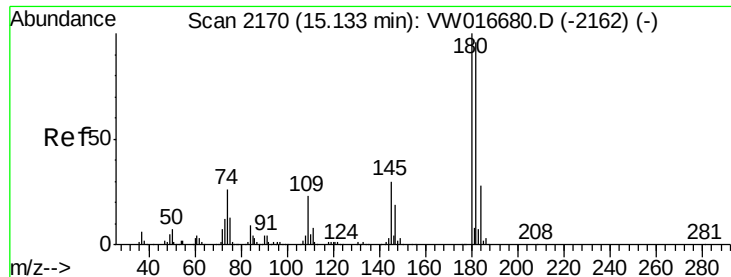
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#16
Methylene chloride
Concen: 1.121 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016686.D
Acq: 29 Sep 2020 15:04

Tgt Ion: 84 Resp: 10771
Ion Ratio Lower Upper
84 100
49 105.9 76.0 141.2
86 64.6 45.6 84.6





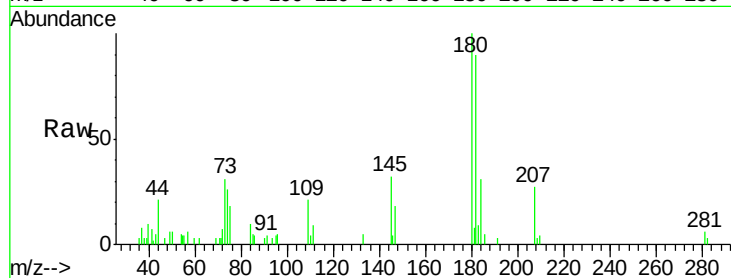
#68
 1,2,4-trichlorobenzene
 Concen: 0.527 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016686.D
 Acq: 29 Sep 2020 15:04

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Tot Ion	Ratio	Resp	Lower	Upper
180	100	3958		
182	96.4		74.5	111.7
145	31.4		23.1	34.7

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Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

