

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014802.D
 Acq On : 29 Jan 2020 18:28
 Operator : SY/VA
 Sample : L1303-09
 Misc : 4.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

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 1/30/2020 5:33:41 PM

Quant Time: Jan 30 07:59:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1051375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	945483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	387663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368004	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
7) Chloroethane-d5	2.89	69	302344	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
10) 1,1-Dichloroethene-d2	4.01	63	470958m	15.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.52%
20) 2-Butanone-d5	7.07	46	146646	31.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.02%
24) Chloroform-d	7.65	84	592916	20.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	8.30	65	313370m	20.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.20%
29) Benzene-d6	8.27	84	1238585	20.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.24%
33) 1,2-Dichloropropane-d6	9.27	67	386769	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.64%
37) Toluene-d8	10.32	98	1082528	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	10.57	79	144735	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.92	63	111295	32.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	238448	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	332850	21.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	14582	2.879 ug/L	98
16) Methylene chloride	4.91	84	45645	2.569 ug/L	96
47) Tetrachloroethene	10.86	164	83410	6.786 ug/L	95

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

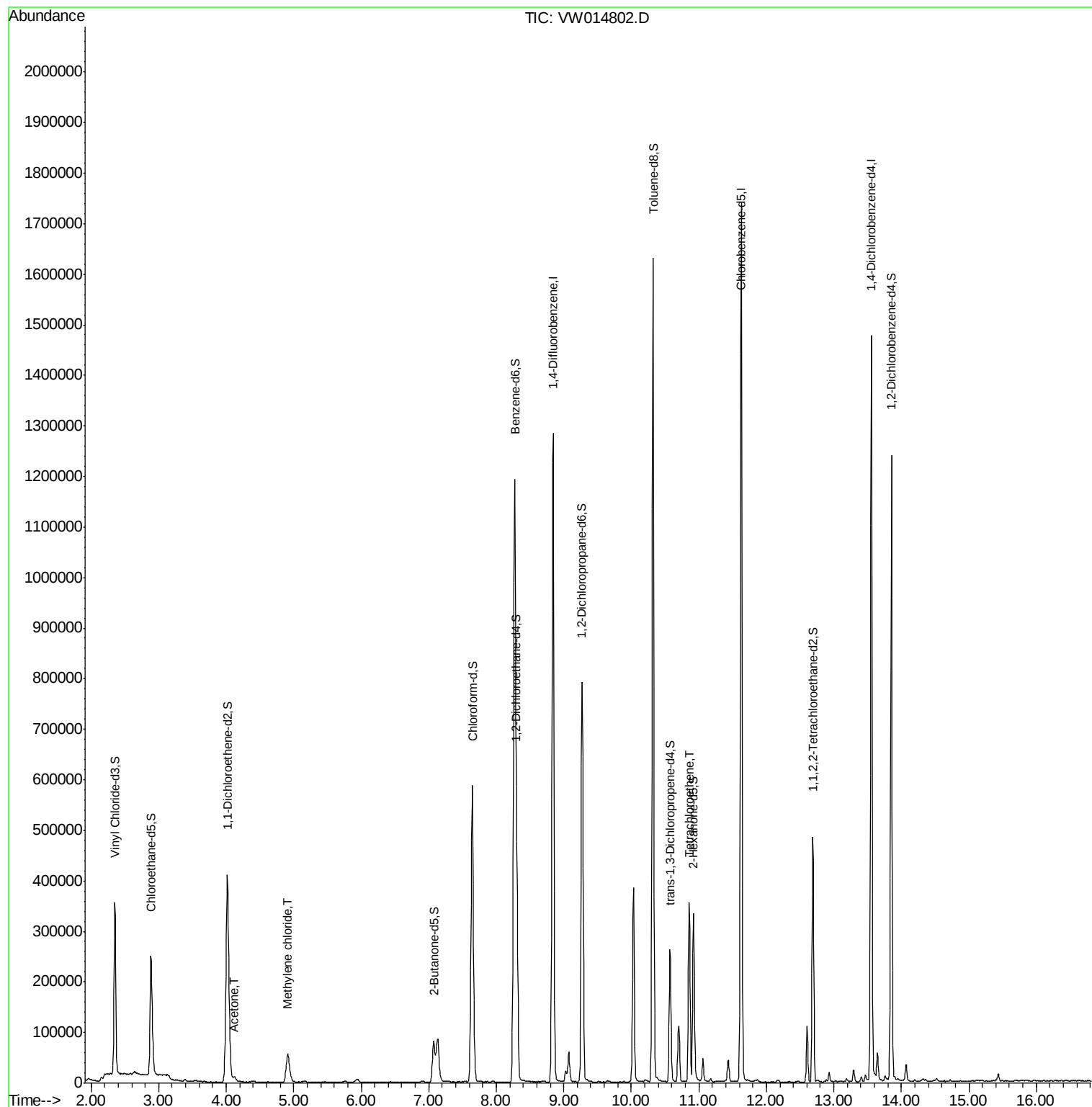
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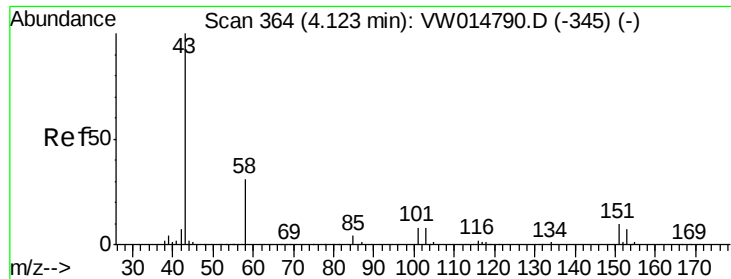
Instrument :
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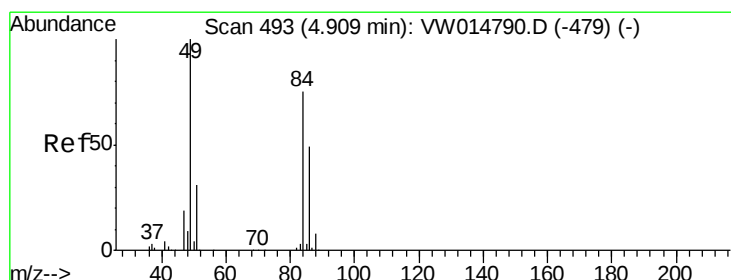
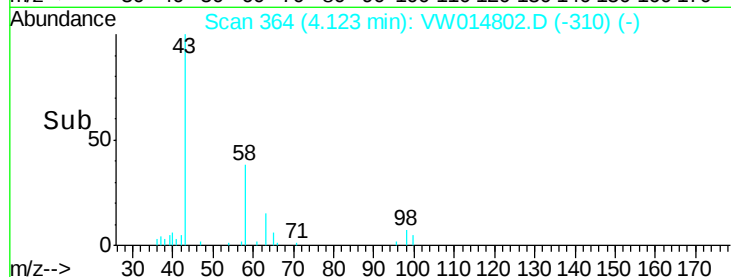
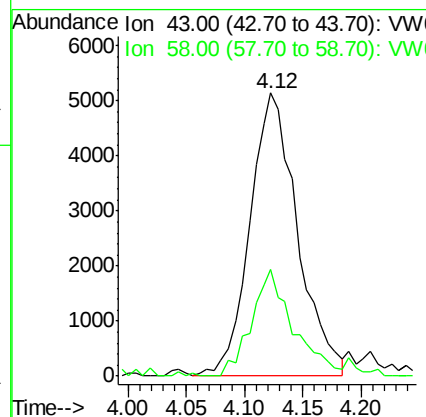
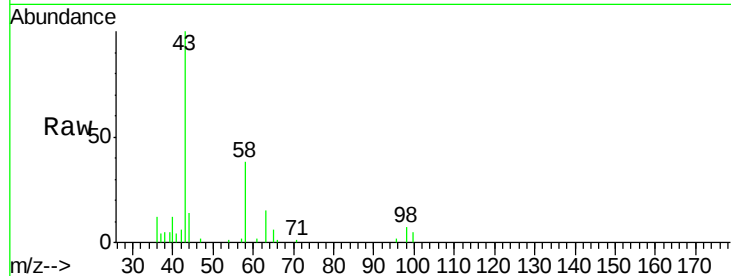
#13
Acetone
Concen: 2.879 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW014802.D
Acq: 29 Jan 2020 18:28

Instrument :
MSVOA_W
ClientSampled :
C0AF4

Tot Ion	43	Resp	14582
Ion Ratio	100	Lower	Upper
43	100		
58	33.2	0.0	64.6

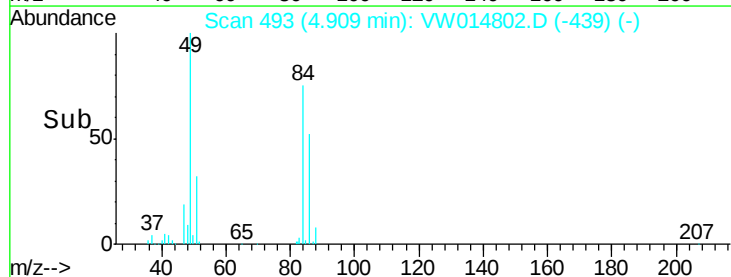
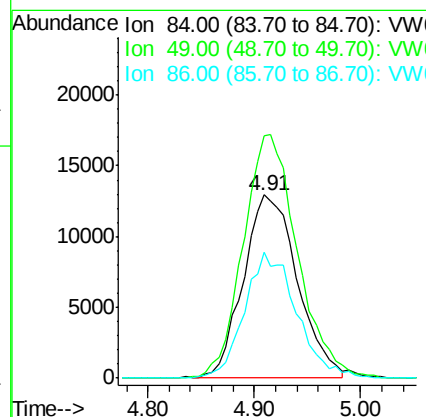
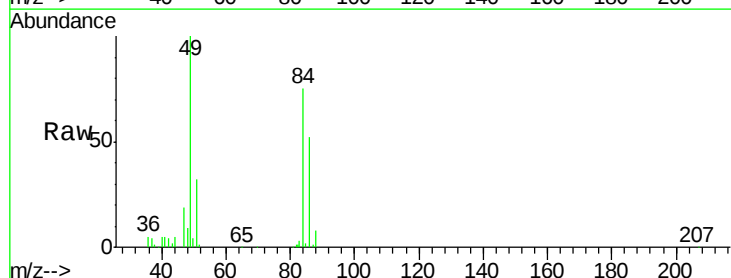
Manual Integrations
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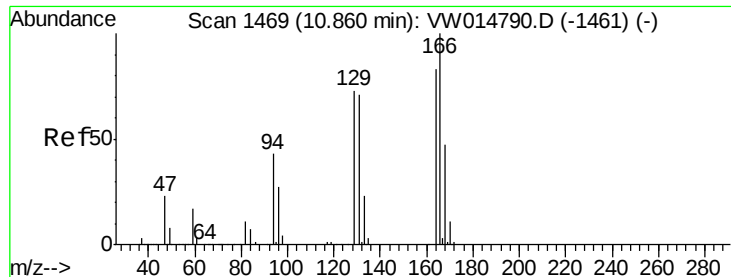
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#16
Methylene chloride
Concen: 2.569 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014802.D
Acq: 29 Jan 2020 18:28

Tgt Ion	84	Resp	45645
Ion Ratio	100	Lower	Upper
84	100		
49	132.5	90.9	168.7
86	68.9	43.5	80.7





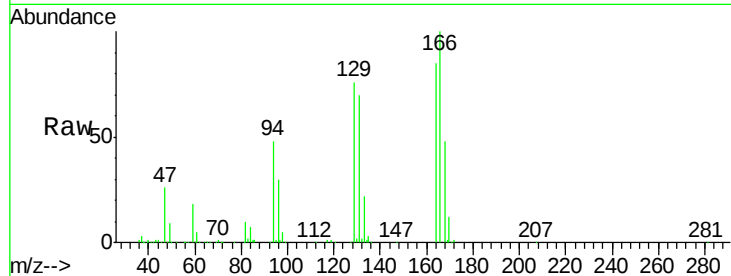
#47
Tetrachloroethene
Concen: 6.786 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
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Tot Ion:	164	Resp:	83410
Ion	Ratio	Lower	Upper
164	100		
129	89.9	64.4	119.6
131	82.4	61.2	113.6
166	118.0	88.8	165.0

Manual Integrations
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Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

