

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016542.D
 Acq On : 11 Sep 2020 11:54
 Operator : SY/VA
 Sample : L3950-15
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ5

Manual Integrations
 APPROVED

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 9/14/2020 9:48:03 AM

Quant Time: Sep 12 07:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	589572	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	484053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196073	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127613	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
7) Chloroethane-d5	2.90	69	124472	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
10) 1,1-Dichloroethene-d2	4.03	63	180530	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.09	46	58520	26.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.40%
24) Chloroform-d	7.66	84	291612	21.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	8.31	65	147401	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.08%
29) Benzene-d6	8.28	84	525050	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.28	67	155435	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.00%
37) Toluene-d8	10.33	98	466769	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.84%
38) trans-1,3-Dichloropropene-	10.58	79	67743	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	10.93	63	48254	32.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112492	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	137876	20.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.40%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	13168m	1.431	ug/L
35) Trichloroethene	9.09	95	3908	0.533	ug/L
47) Tetrachloroethene	10.87	164	697391	118.609	ug/L

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

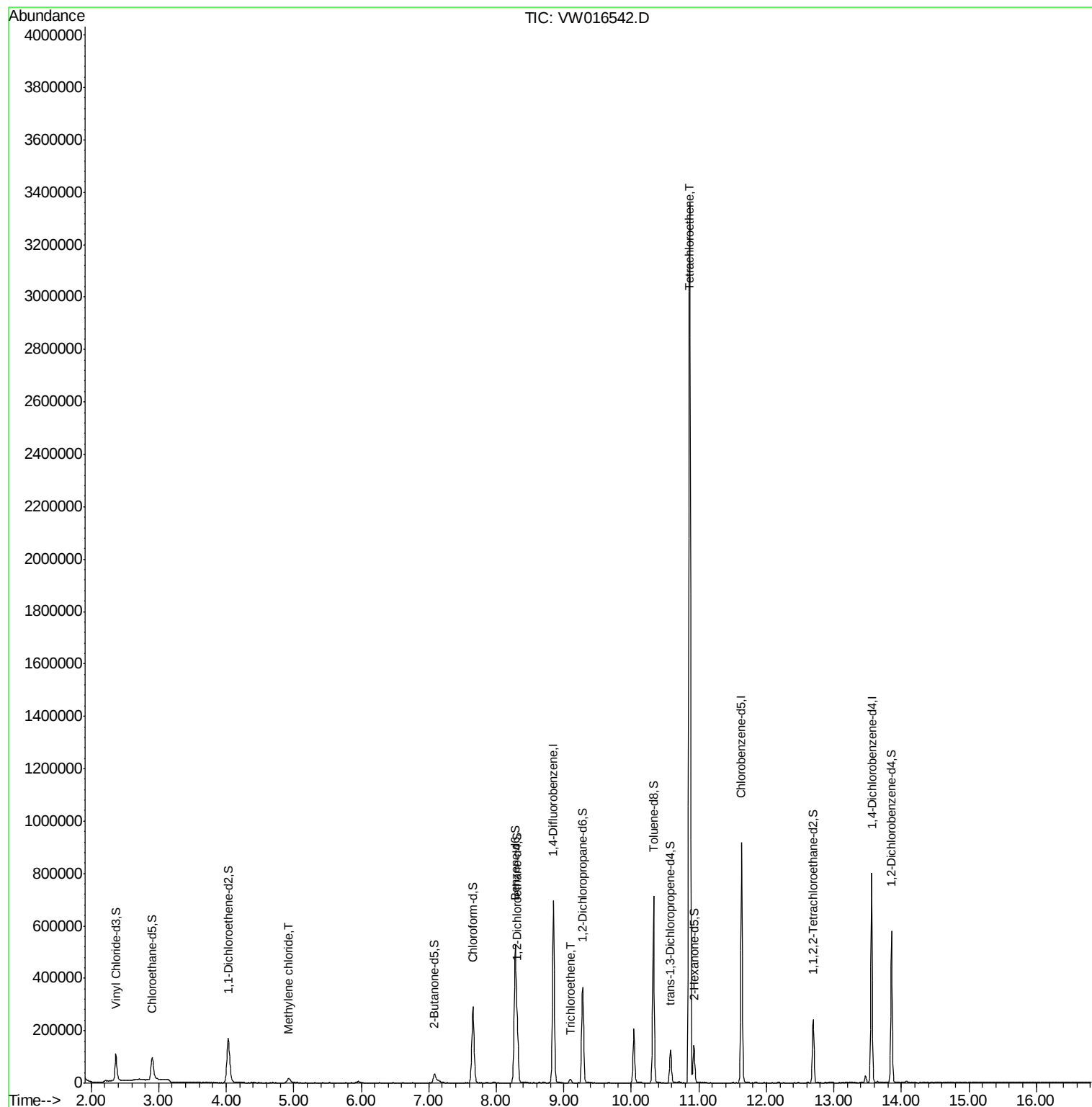
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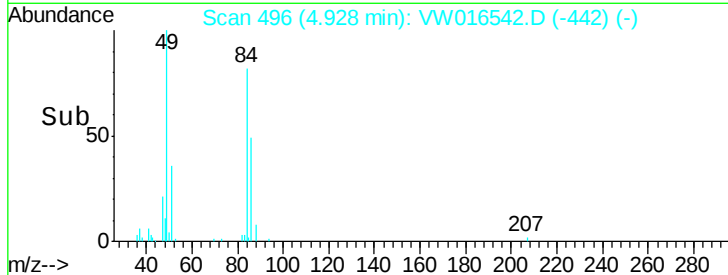
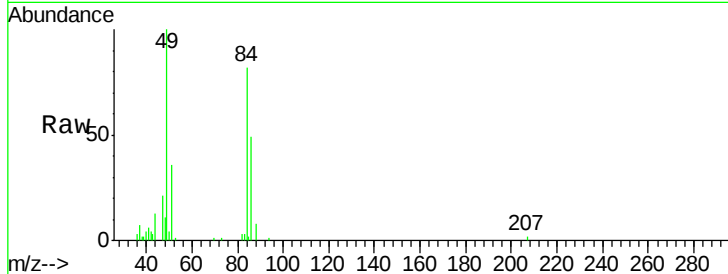
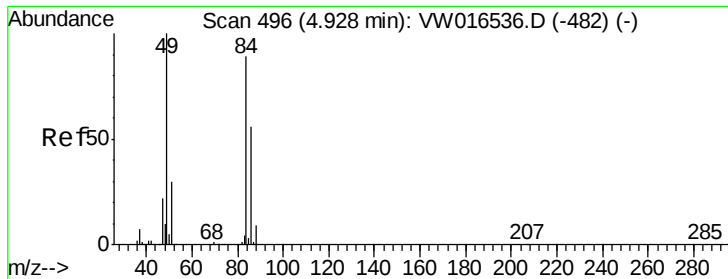
Instrument :
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ClientSampleId :
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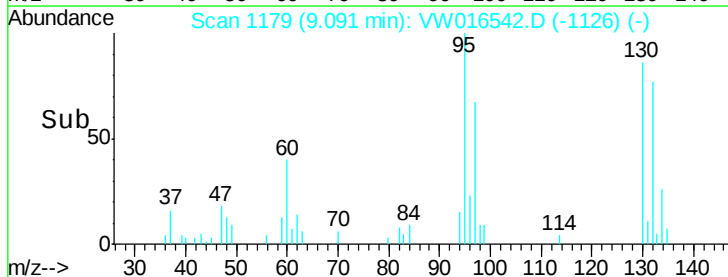
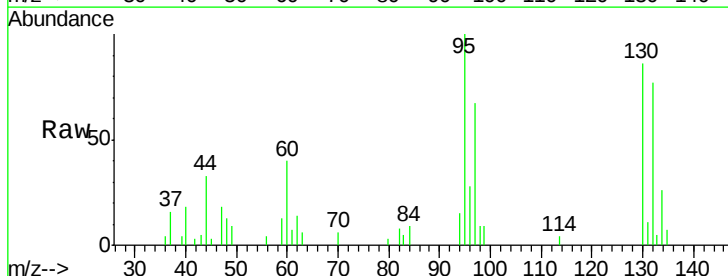
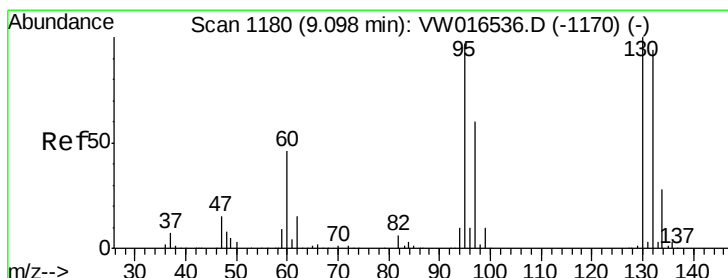
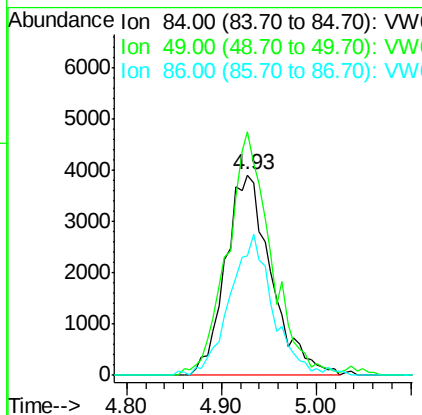
#16
Methylene chloride
Concen: 1.431 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW016542.D
Acq: 11 Sep 2020 11:54

Tot Ion	84	Resp	13168
Ion Ratio	Lower	Upper	
84	100		
49	121.5	86.7	160.9
86	59.9	44.9	83.5

Instrument :
MSVOA_W
ClientSampled :
BFWZ5

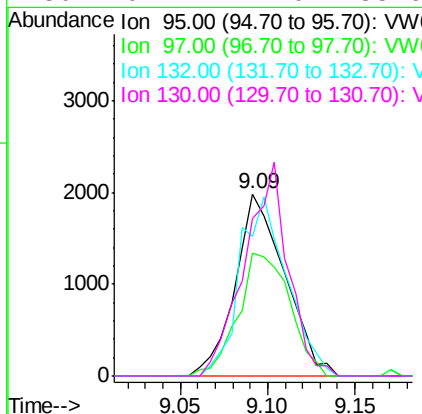
Manual Integrations
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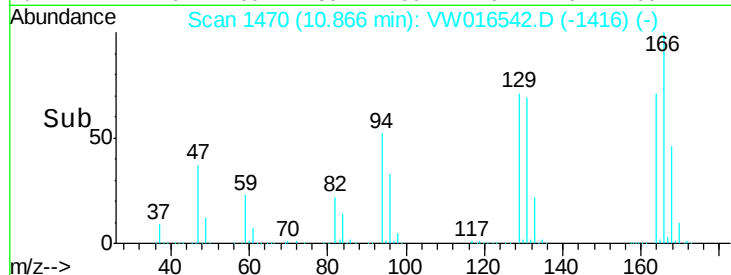
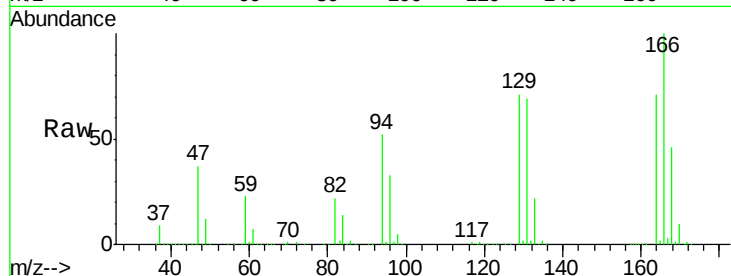
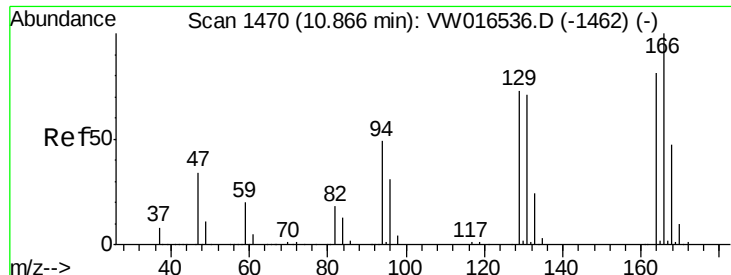
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#35
Trichloroethene
Concen: 0.533 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW016542.D
Acq: 11 Sep 2020 11:54

Tgt Ion	95	Resp	3908
Ion Ratio	Lower	Upper	
95	100		
97	70.3	44.9	83.5
132	94.7	69.2	128.4
130	102.7	72.0	133.6





#47
Tetrachloroethene
Concen: 118.609 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016542.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	697391		
129	100.5	65.7	121.9	
131	97.5	61.1	113.5	
166	140.6	85.0	157.8	

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