

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016546.D
 Acq On : 11 Sep 2020 13:37
 Operator : SY/VA
 Sample : L3950-18
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ8

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 10:27:34 AM

Quant Time: Sep 12 07:52:12 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	625822	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	549646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122800	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.96%
7) Chloroethane-d5	2.90	69	121018	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
10) 1,1-Dichloroethene-d2	4.03	63	185159	12.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.52%
20) 2-Butanone-d5	7.08	46	66918	28.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.44%
24) Chloroform-d	7.65	84	302362	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	8.31	65	156568m	19.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.12%
29) Benzene-d6	8.28	84	548856	19.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.56%
33) 1,2-Dichloropropane-d6	9.28	67	166558	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.16%
37) Toluene-d8	10.33	98	497596	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.96%
38) trans-1,3-Dichloropropene-	10.58	79	72598	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.12%
39) 2-Hexanone-d5	10.93	63	52059	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126667	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	180140	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	11823	1.211 ug/L	96
47) Tetrachloroethene	10.87	164	5075	0.760 ug/L	88

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

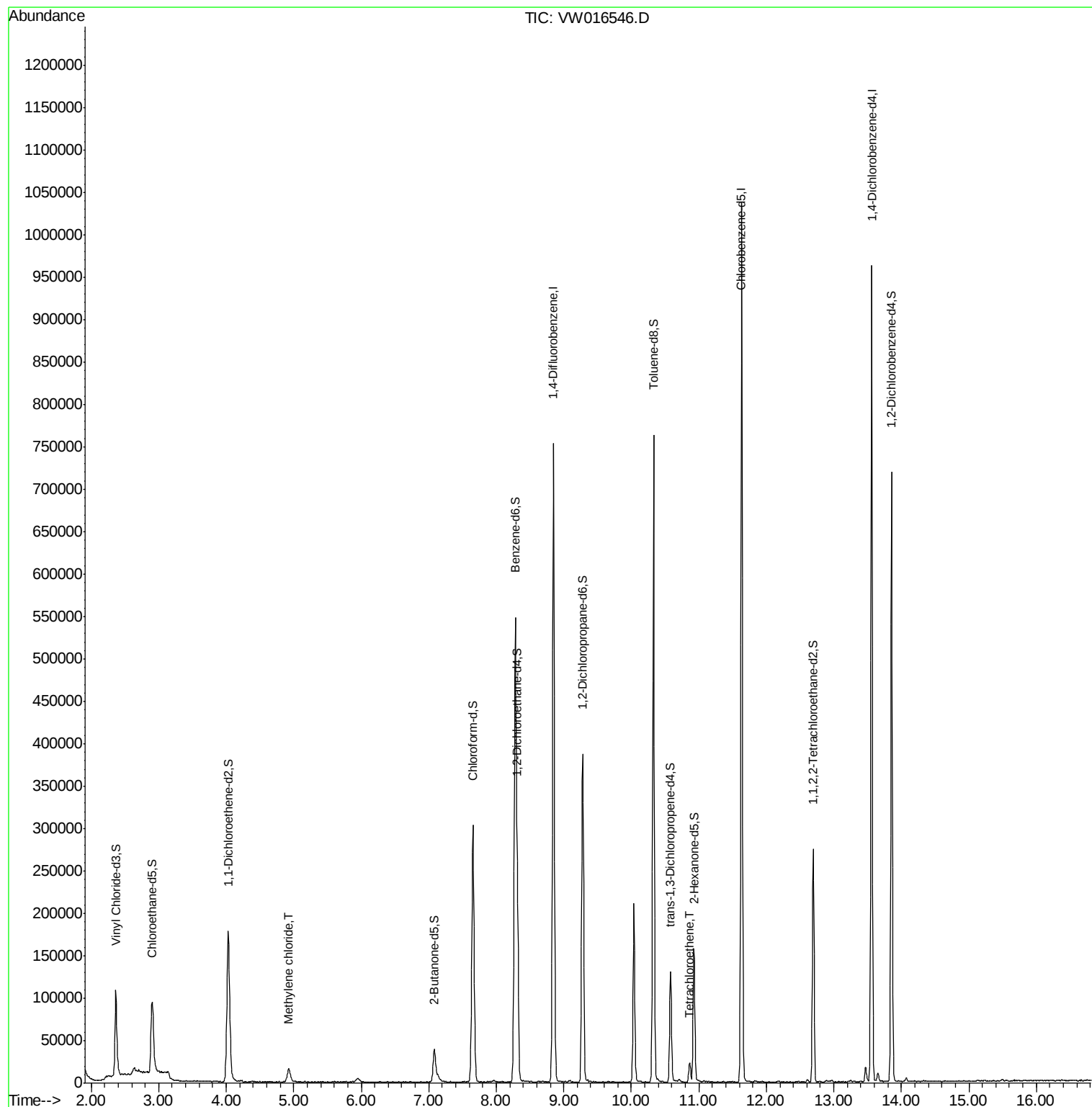
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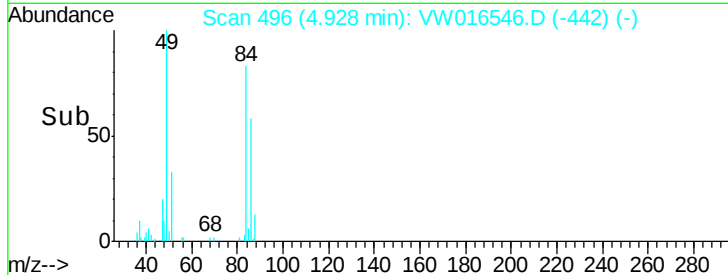
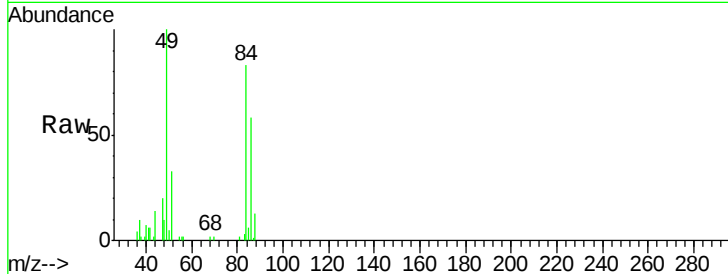
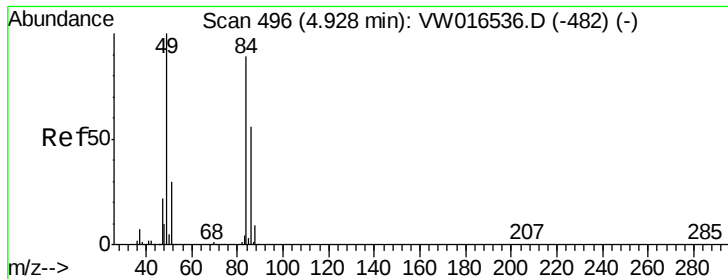
Instrument :
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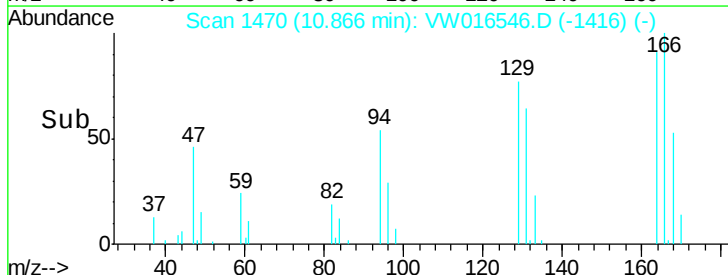
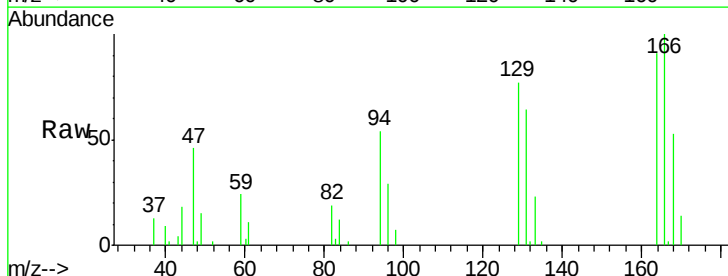
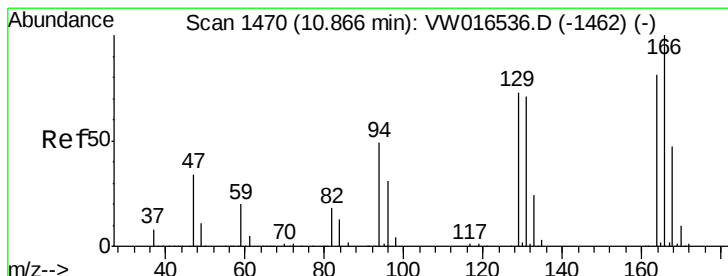
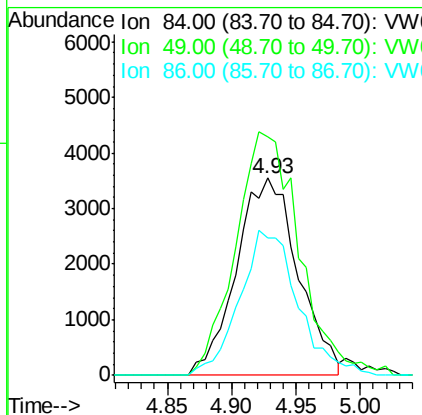
#16
Methylene chloride
Concen: 1.211 ug/L
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW016546.D
Acq: 11 Sep 2020 13:37

Tot Ion	Ratio	Lower	Upper
84	100		
49	121.1	86.7	160.9
86	69.9	44.9	83.5

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#47
Tetrachloroethene
Concen: 0.760 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016546.D
Acq: 11 Sep 2020 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
129	84.3	65.7	121.9
131	70.5	61.1	113.5
166	112.0	85.0	157.8

