

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016235.D
 Acq On : 18 Aug 2020 12:40
 Operator : SY/VA
 Sample : L3709-05
 Misc : 6.59G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ8

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:15 PM

Quant Time: Aug 19 06:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92593	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	2.90	69	75524	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
10) 1,1-Dichloroethene-d2	4.01	63	157877	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.08	46	44985m	34.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.40%
24) Chloroform-d	7.65	84	229030	21.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	8.31	65	109404	19.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.16%
29) Benzene-d6	8.28	84	447477	22.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.08%
33) 1,2-Dichloropropane-d6	9.28	67	131606	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.08%
37) Toluene-d8	10.33	98	406472	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	52639	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.40%
39) 2-Hexanone-d5	10.93	63	36967	35.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98373	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	136097	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	15688	2.465 ug/L	80
47) Tetrachloroethene	10.87	164	8277	1.906 ug/L	95

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

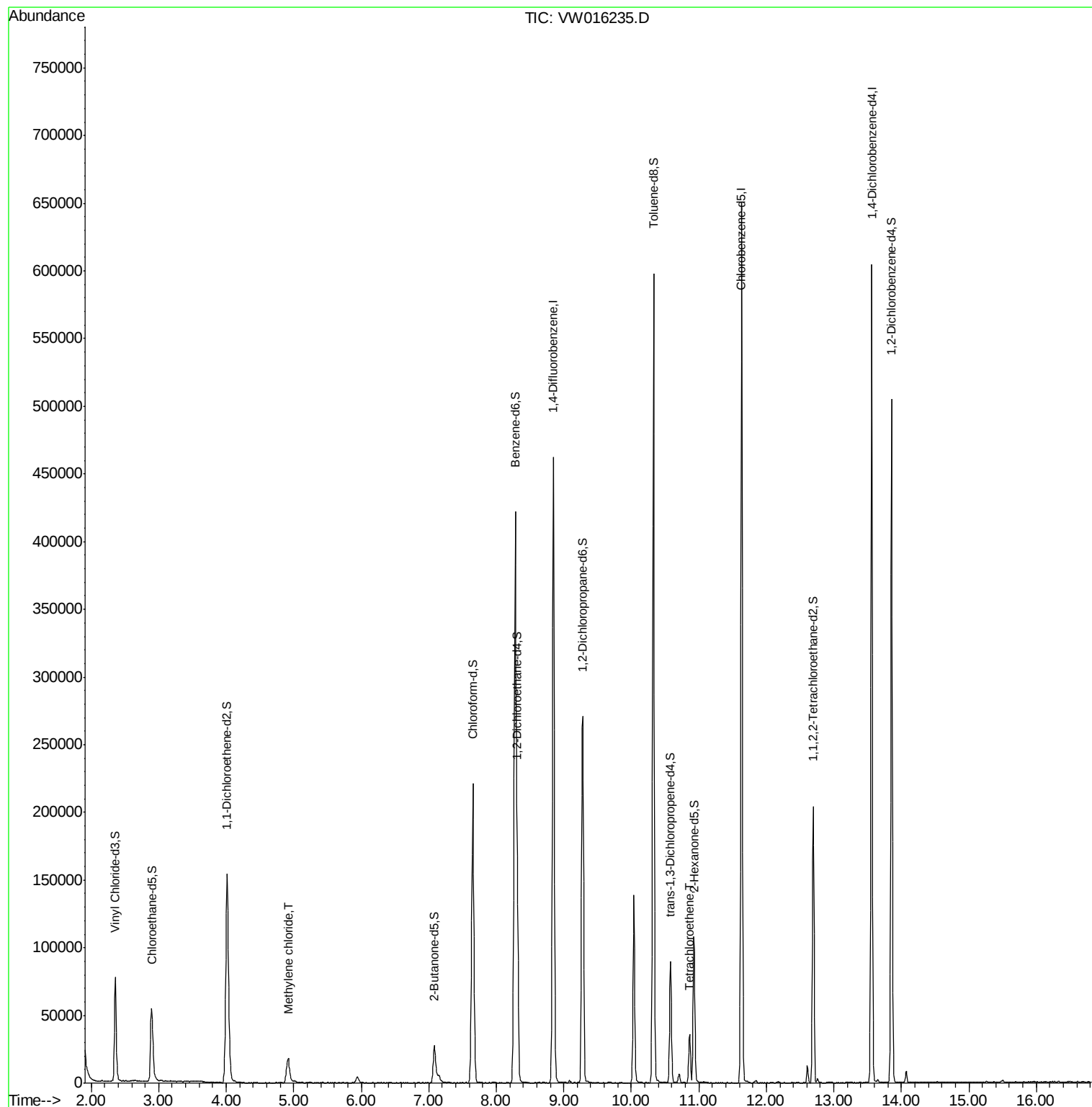
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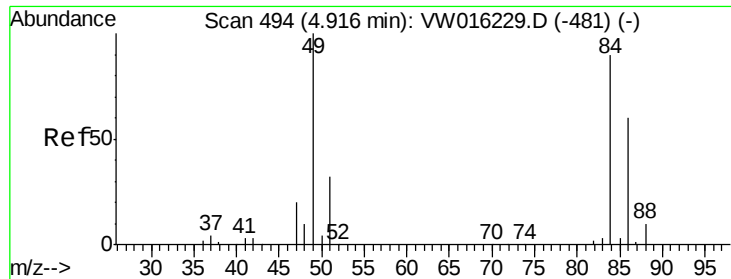
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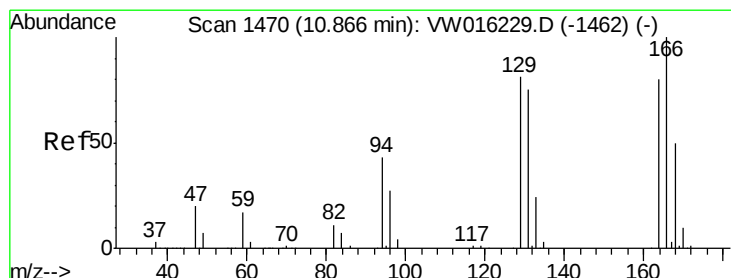
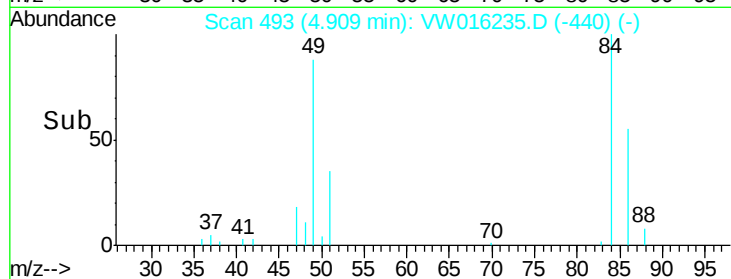
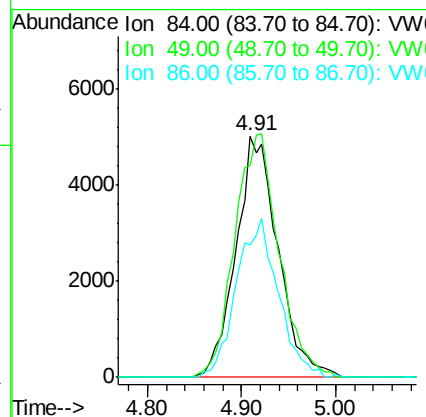
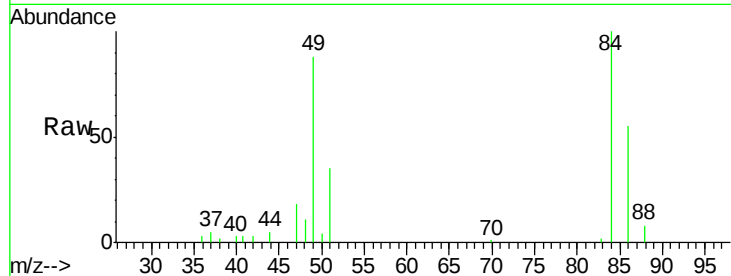
#16
Methvlene chloride
Concen: 2.465 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016235.D
Acq: 18 Aug 2020 12:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	87.6	80.4	149.4
86	54.7	43.8	81.3

Manual Integrations
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#47
Tetrachloroethene
Concen: 1.906 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016235.D
Acq: 18 Aug 2020 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.8	71.5	132.9
131	94.8	65.4	121.4
166	119.9	86.9	161.5

