

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009675.D
 Acq On : 14 Mar 2019 19:24
 Operator : SY/MD
 Sample : K1885-12
 Misc : 6.38G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF196

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 12:56:32 PM

Quant Time: Mar 15 12:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	125894	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49797	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36997	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	1.56	69	39311	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
10) 1,1-Dichloroethene-d2	2.12	63	79635	18.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.20%
20) 2-Butanone-d5	3.93	46	25225m	59.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.64%
24) Chloroform-d	4.40	84	70806	22.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.08	65	50026	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	5.10	84	157641	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	6.12	67	47695	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	7.36	98	148583	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	7.66	79	20072	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	8.13	63	18633	53.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47013	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	47180	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	5119	2.793 ug/L	91
47) Tetrachloroethene	8.02	164	78232	51.186 ug/L	96

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

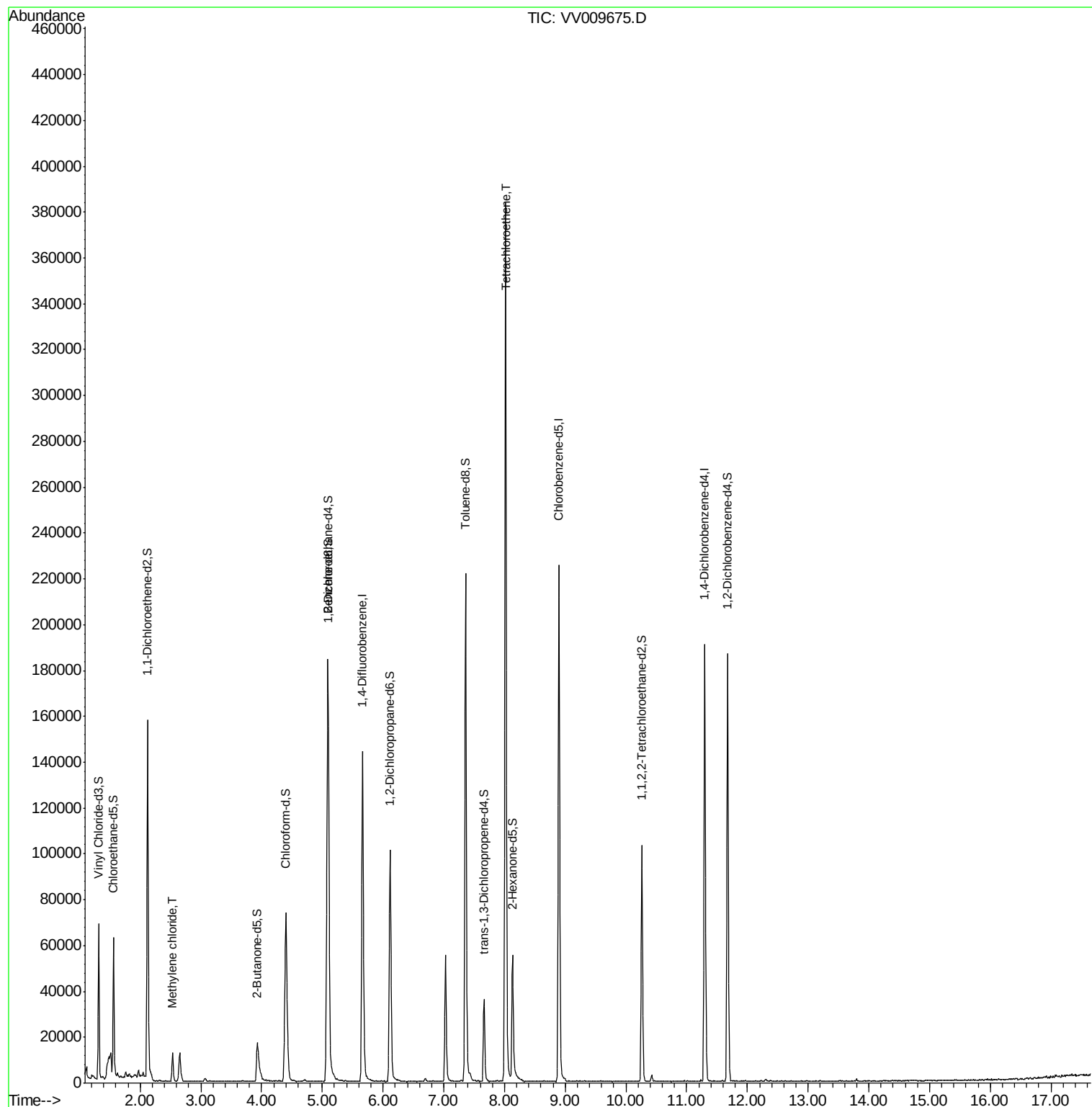
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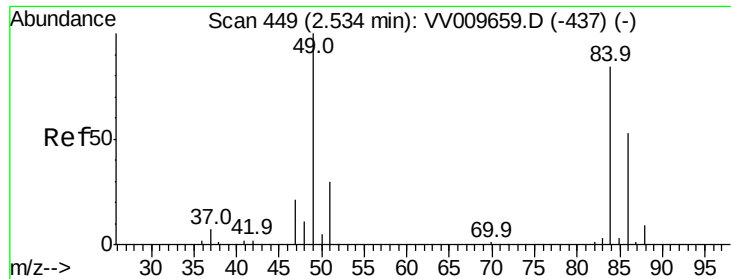
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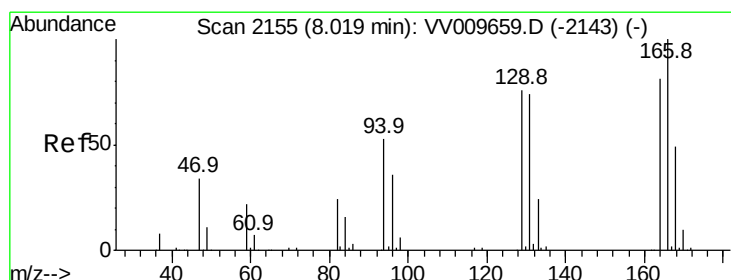
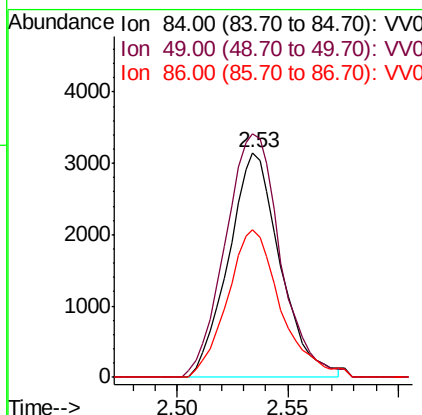
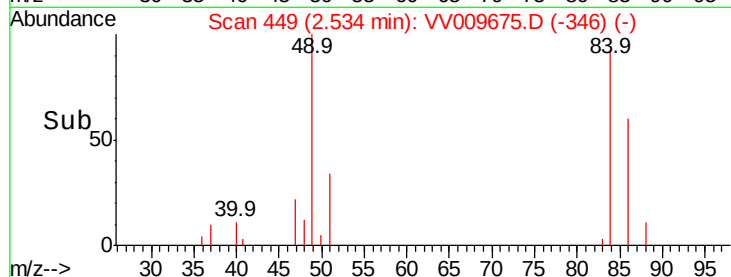
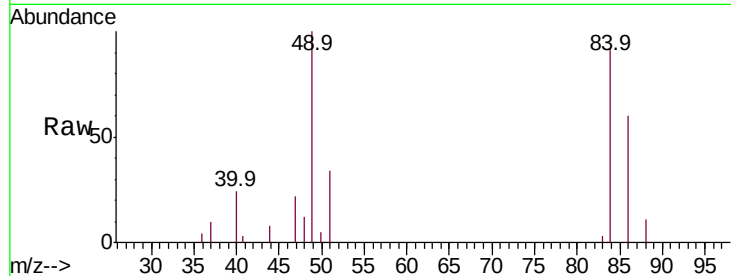
#16
Methvlene chloride
Concen: 2.793 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009675.D
Acq: 14 Mar 2019 19:24

Instrument :
MSVOA_V
ClientSampleId :
BF196

Tot Ion	84	Resp	5119
Ion	Ratio	Lower	Upper
84	100		
49	108.3	86.1	159.9
86	65.5	45.2	84.0

Manual Integrations
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#47
Tetrachloroethene
Concen: 51.186 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009675.D
Acq: 14 Mar 2019 19:24

Tgt Ion	164	Resp	78232
Ion	Ratio	Lower	Upper
164	100		
129	103.2	69.0	128.1
131	97.0	65.7	122.1
166	131.5	89.4	166.0

