

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010273.D
 Acq On : 12 Apr 2019 05:49
 Operator : SY/MD
 Sample : K2328-06
 Misc : 4.36G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB718

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:29:38 AM

Quant Time: Apr 12 06:56:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	19165	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	23570	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	7939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1577	7.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.60%#
7) Chloroethane-d5	1.58	69	2743	14.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.88%
10) 1,1-Dichloroethene-d2	2.13	63	3913	6.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	27.88%#
20) 2-Butanone-d5	3.93	46	9480	169.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	339.62%#
24) Chloroform-d	4.40	84	13450	30.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.92%
26) 1,2-Dichloroethane-d4	5.08	65	12861	51.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	206.36%#
29) Benzene-d6	5.10	84	20144	17.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.88%
33) 1,2-Dichloropropane-d6	6.12	67	9786	28.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.80%
37) Toluene-d8	7.36	98	16777	15.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.56%
38) trans-1,3-Dichloropropene-	7.67	79	4089	29.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.04%
39) 2-Hexanone-d5	8.13	63	4964m	85.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.04%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14310	47.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	188.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	8598	29.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.32%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	1803	4.804 ug/L	76
47) Tetrachloroethene	8.02	164	1079m	3.526 ug/L	

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

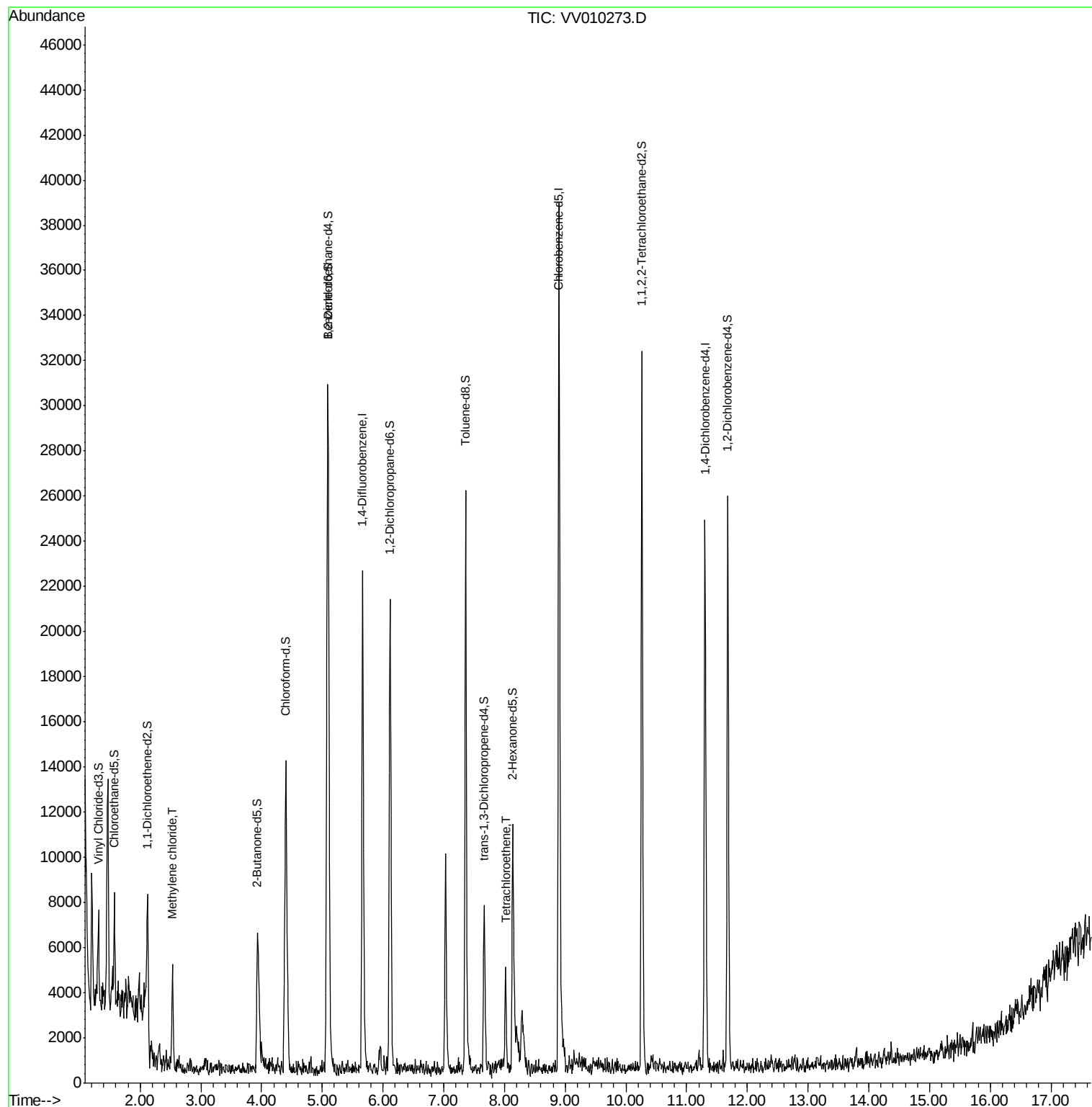
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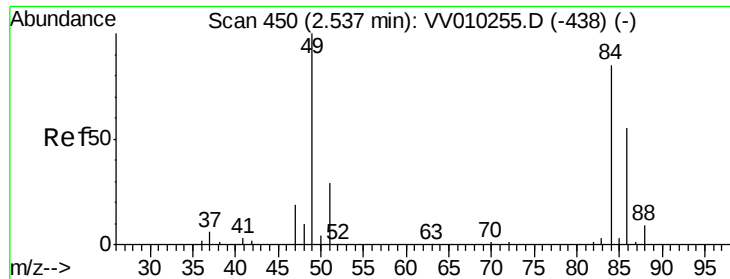
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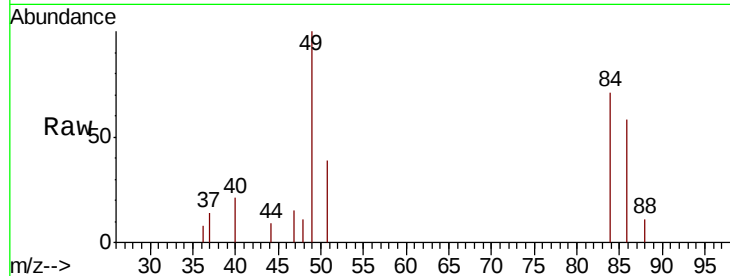
#16
Methylene chloride
Concen: 4.804 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

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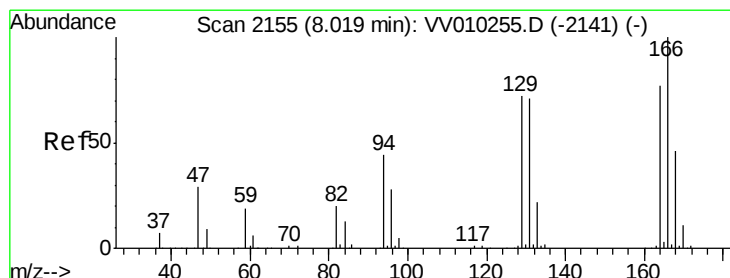
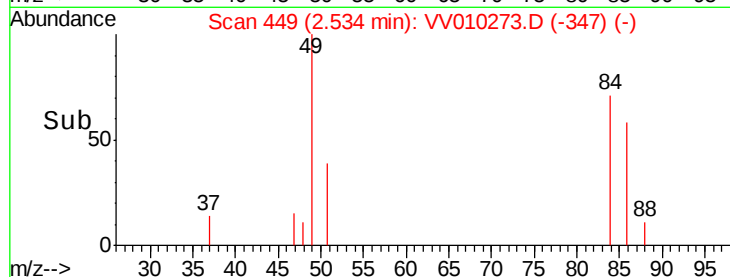
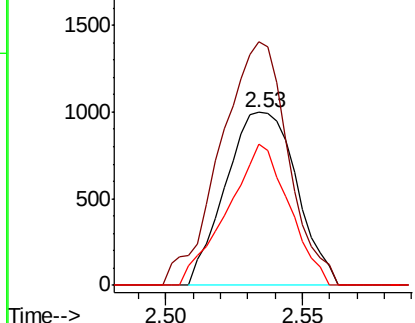
Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.0	79.9	148.5
86	81.9	44.5	82.7

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Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)
Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)
Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)



#47
Tetrachloroethene
Concen: 3.526 ug/L m
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010273.D
Acq: 12 Apr 2019 05:49

Tgt Ion	Ratio	Lower	Upper
164	100		
129	66.9	62.6	116.2
131	93.5	60.0	111.4
166	103.0	87.4	162.2

Abundance Ion 164.00 (163.70 to 164.70): VV010255.D (-2141) (-)
Ion 129.00 (128.70 to 129.70): VV010255.D (-2141) (-)
Ion 131.00 (130.70 to 131.70): VV010255.D (-2141) (-)
Ion 166.00 (165.70 to 166.70): VV010255.D (-2141) (-)

