

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010094.D
 Acq On : 03 Apr 2019 15:52
 Operator : SY/MD
 Sample : K2215-08
 Misc : 4.52G/10mL/MSVOA V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M9

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:38 AM

Quant Time: Apr 04 07:58:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	244202	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62486	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	1.57	69	67794	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
10) 1,1-Dichloroethene-d2	2.12	63	134672	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	3.95	46	40554m	43.59	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	4.40	84	142483	23.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	5.08	65	87441	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	5.10	84	291712	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	6.12	67	87950	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	7.36	98	274087	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.67	79	30286	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.60%
39) 2-Hexanone-d5	8.14	63	27256	37.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87261	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	103158	25.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.52%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	5035	1.174 ug/L	98
44) Toluene	7.43	91	6081	0.464 ug/L	97
47) Tetrachloroethene	8.02	164	472940	168.196 ug/L	96

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

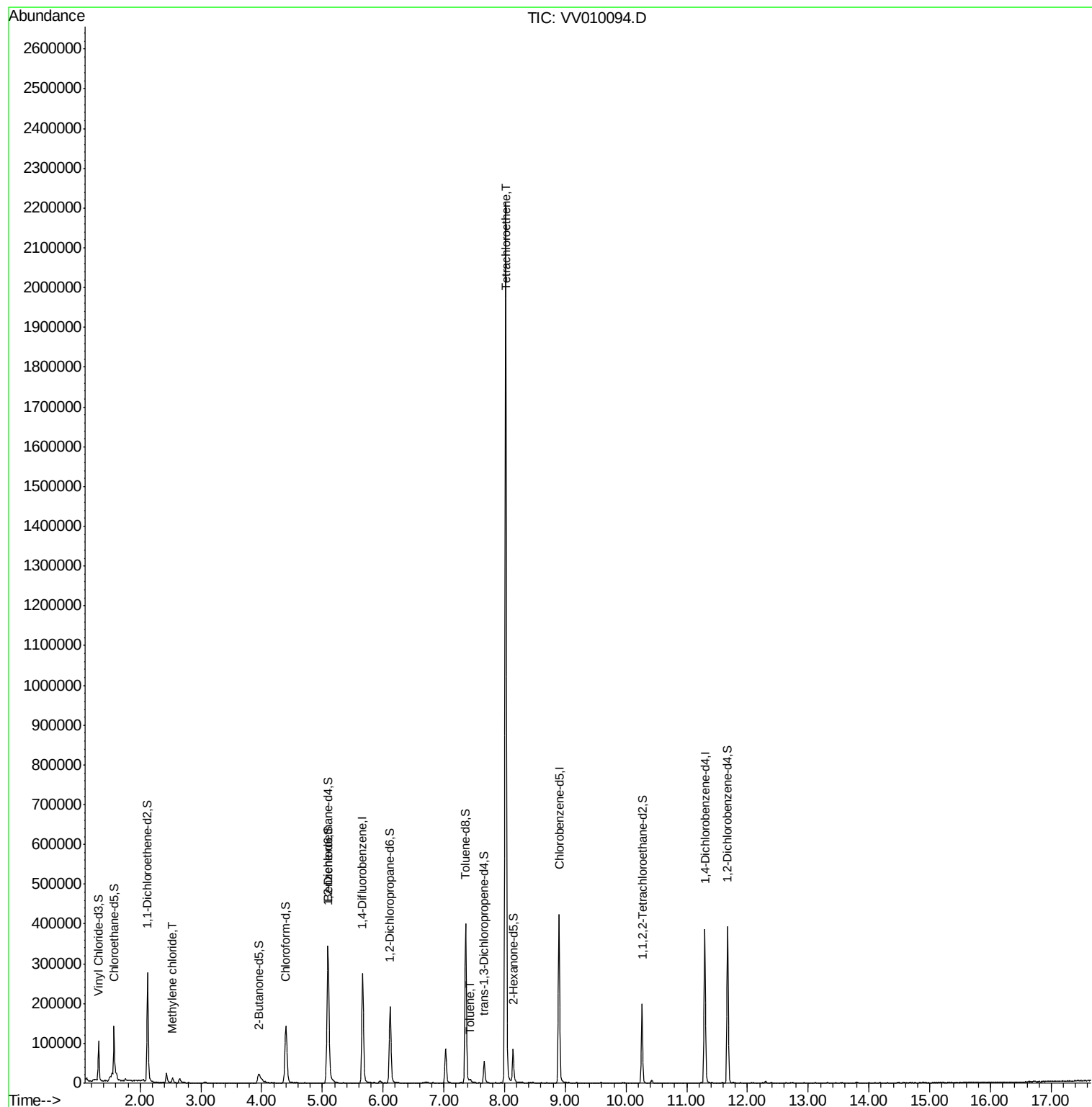
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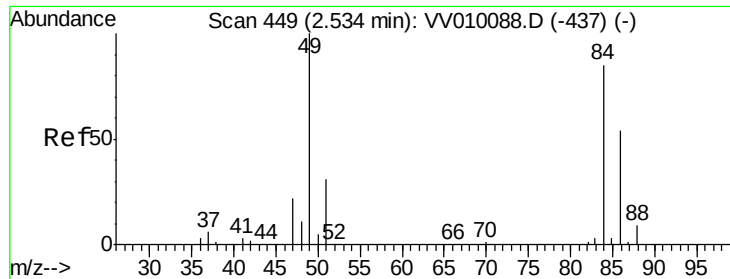
Instrument :
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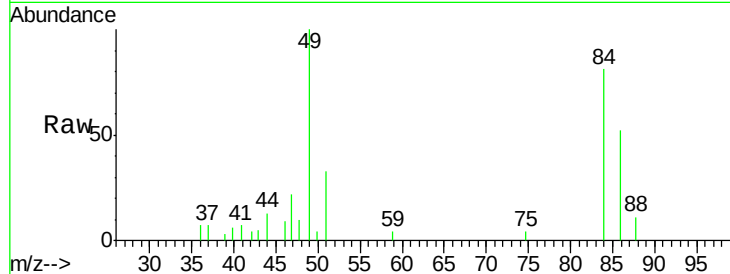
#16
Methvlene chloride
Concen: 1.174 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010094.D
Acq: 03 Apr 2019 15:52

Instrument :
MSVOA_V
ClientSampleId :
BF2M9

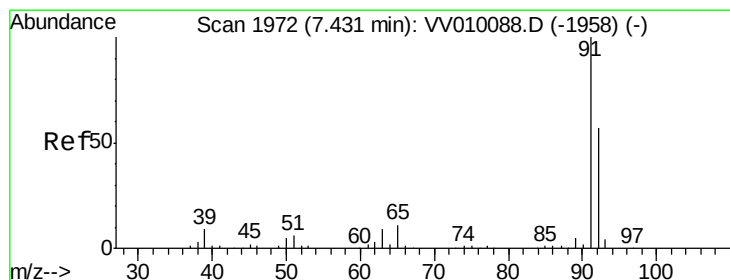
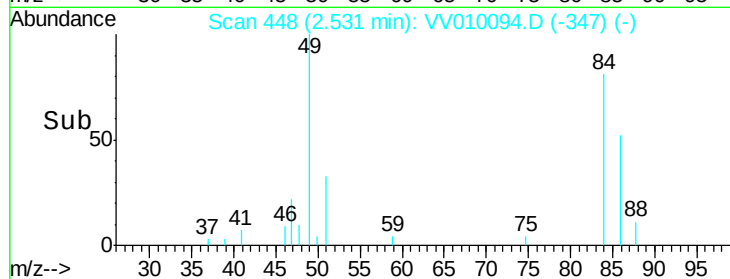
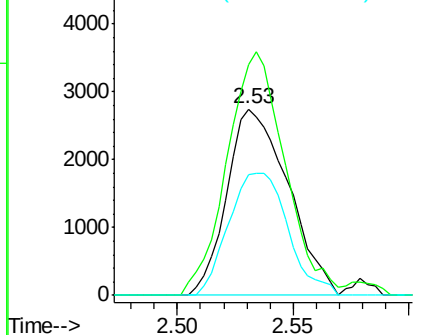
Tot Ion	Ratio	Lower	Upper
84	100		
49	123.6	84.3	156.5
86	64.4	45.4	84.2

Manual Integrations
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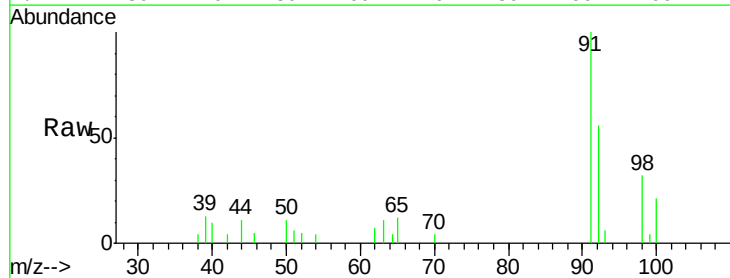


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

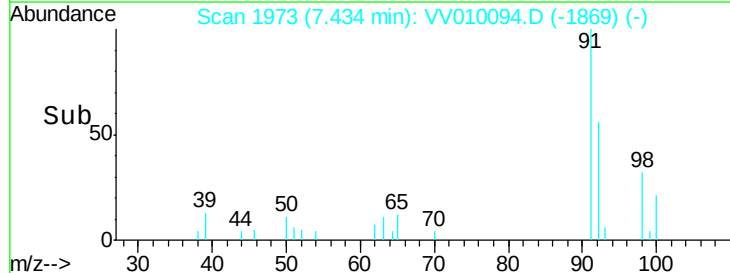
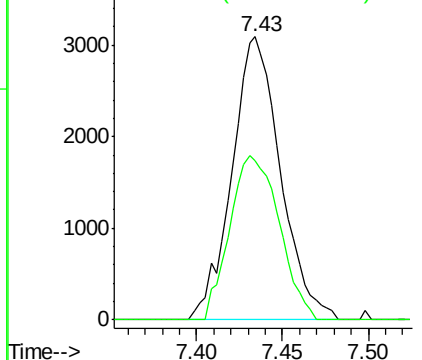


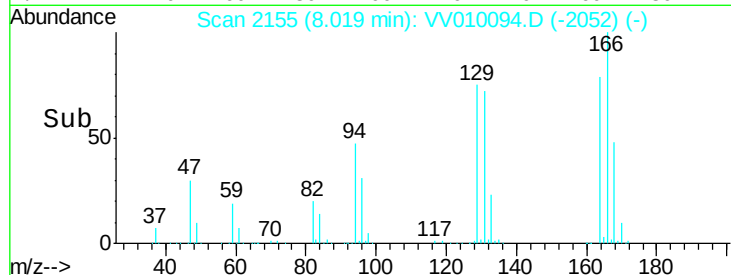
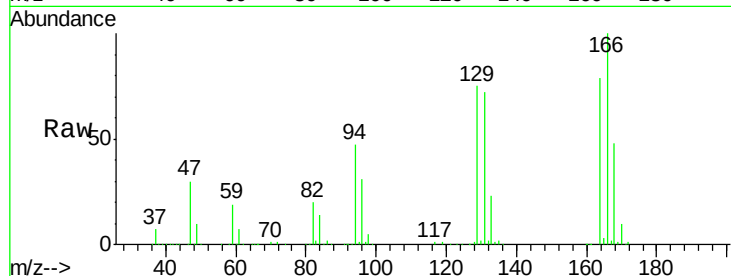
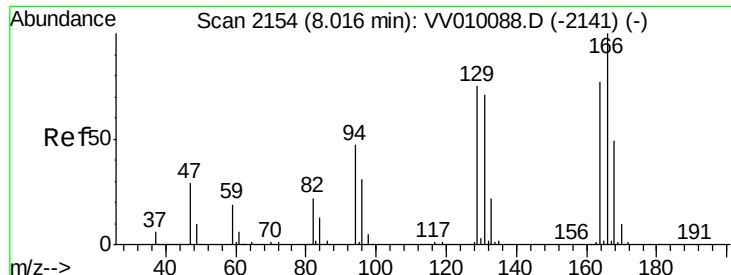
#44
Toluene
Concen: 0.464 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010094.D
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Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	41.0	76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0





#47

Tetrachloroethene

Concen: 168.196 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010094.D

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Tot Ion:	164	Resp:	472940
Ion Ratio	Lower	Upper	
164	100		
129	94.3	67.8	125.8
131	91.0	65.2	121.0
166	126.2	93.8	174.2

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