

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013057.D
 Acq On : 08 Oct 2019 13:50
 Operator : SY/MD
 Sample : K5262-01
 Misc : 5.89G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB68

Quant Time: Oct 09 08:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	661987	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	518346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184125	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.72%
7) Chloroethane-d5	1.59	69	178607	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	2.13	63	246194	14.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.64%
20) 2-Butanone-d5	3.95	46	115285	32.51	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.02%
24) Chloroform-d	4.40	84	374504	20.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	5.08	65	217534	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.32%
29) Benzene-d6	5.10	84	733335	25.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.36%
33) 1,2-Dichloropropane-d6	6.11	67	241269	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.40%
37) Toluene-d8	7.36	98	564284	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	7.66	79	83552	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	8.14	63	74165	40.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	166368	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	126306	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

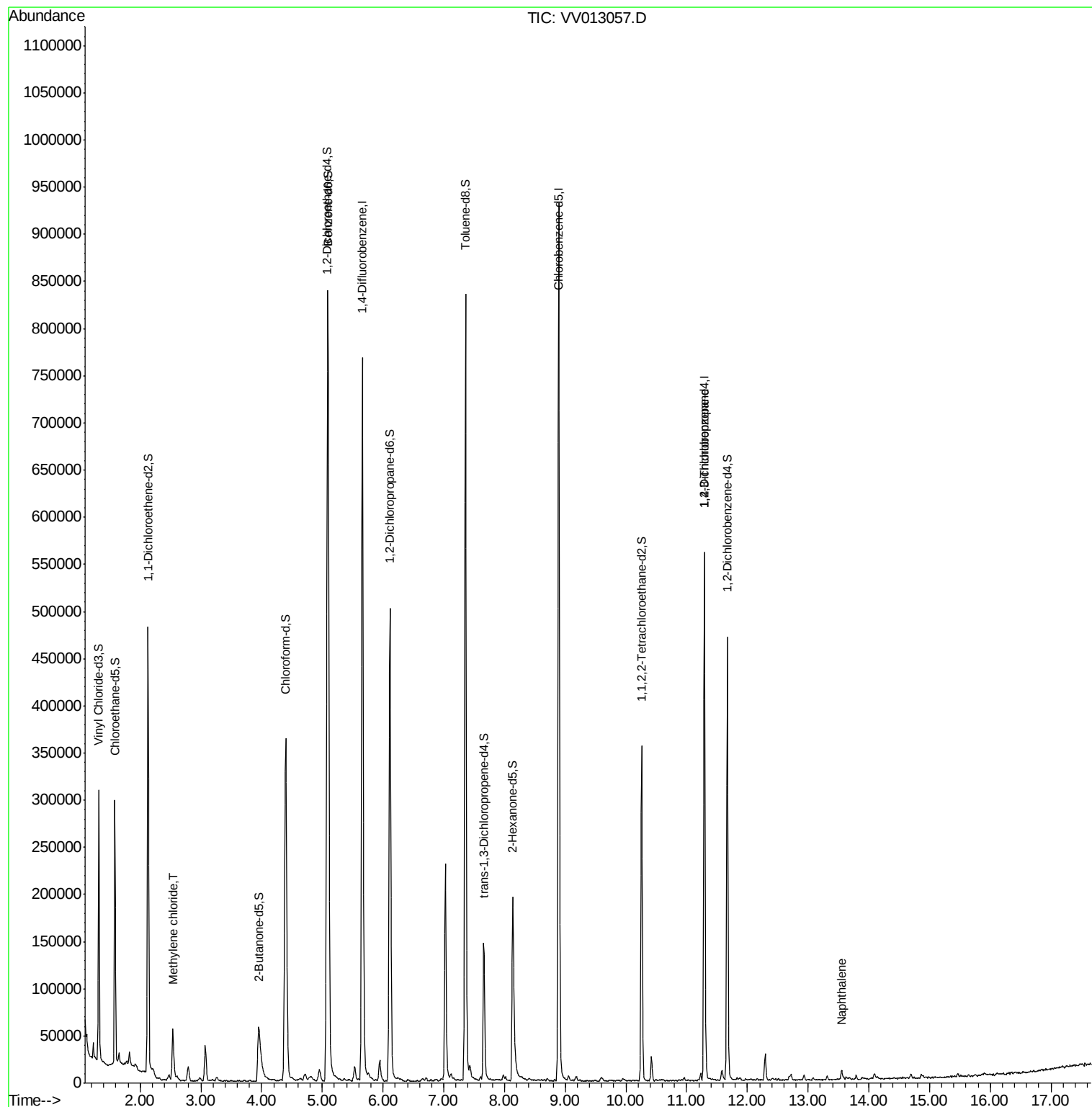
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	20753	2.097 ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	17526	2.695 ug/L	91
69) Naphthalene	13.55	128	8721	0.687 ug/L	99

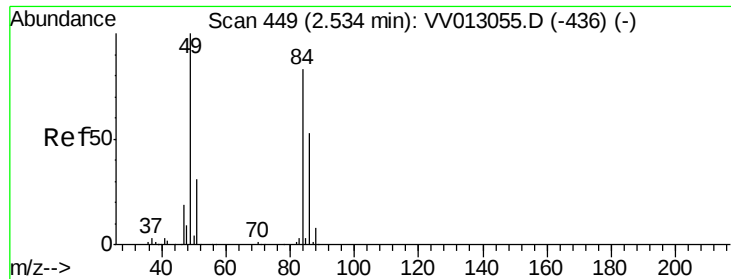
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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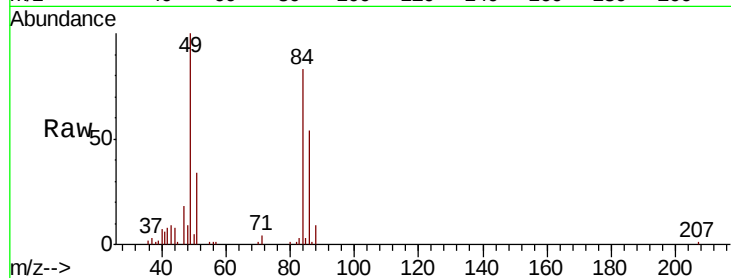




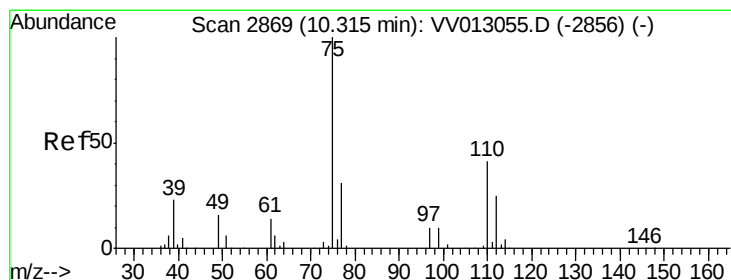
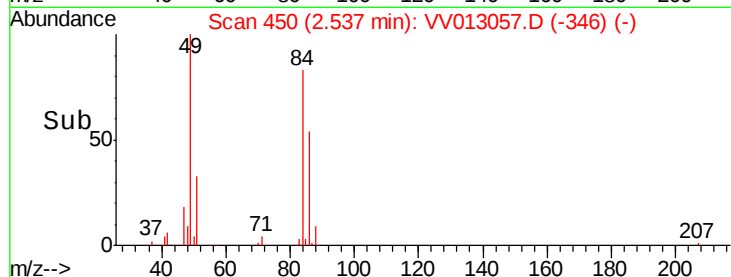
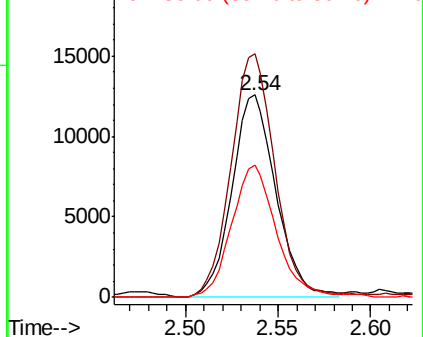
#16
Methvlene chloride
Concen: 2.097 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013057.D
Acq: 08 Oct 2019 13:50

Instrument :
MSVOA_V
ClientSampleId :
BFB68

Tot Ion: 84 Resp: 20753
Ion Ratio Lower Upper
84 100
49 120.4 88.3 164.1
86 65.3 44.9 83.3

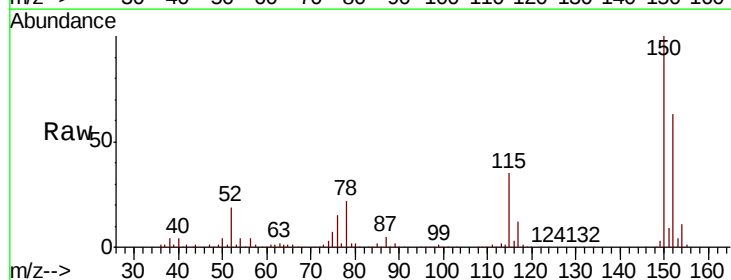


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

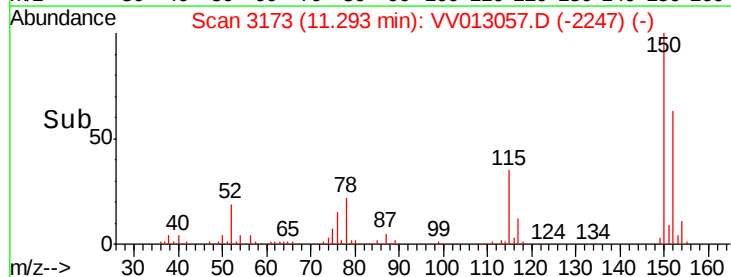
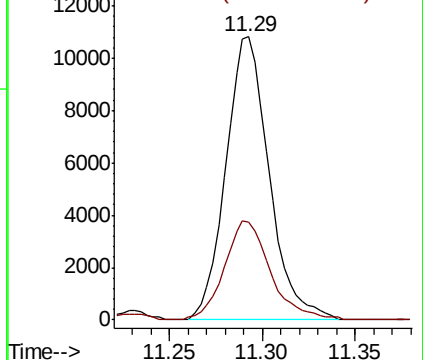


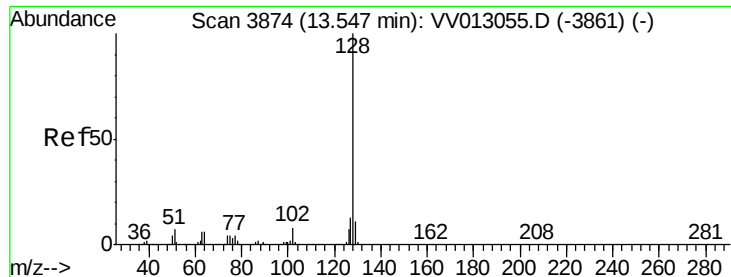
#59
1,2,3-Trichloropropane
Concen: 2.695 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV013057.D
Acq: 08 Oct 2019 13:50

Tgt Ion: 75 Resp: 17526
Ion Ratio Lower Upper
75 100
77 36.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#69

Naphthalene

Concen: 0.687 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

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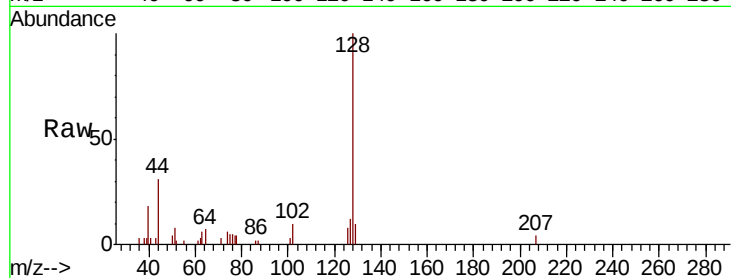
Tot Ion:128 Resp: 8721

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 11.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

