

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009863.D
 Acq On : 25 Mar 2019 16:20
 Operator : SY/MD
 Sample : K2070-18 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09F1

Quant Time: Mar 26 07:28:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213822	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101246	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.74%
7) Chloroethane-d5	1.56	69	110160	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.68%
11) 1,1-Dichloroethene-d2	2.13	63	214268	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	3.93	46	89177	91.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.51%
24) Chloroform-d	4.40	84	131000	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.08	65	89620	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
32) Benzene-d6	5.10	84	282448	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.11	67	85828	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.36	98	255558	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.66	79	34421	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.13	63	61683	87.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114617	41.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.12%
64) 1,2-Dichlorobenzene-d4	11.67	152	90851	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%

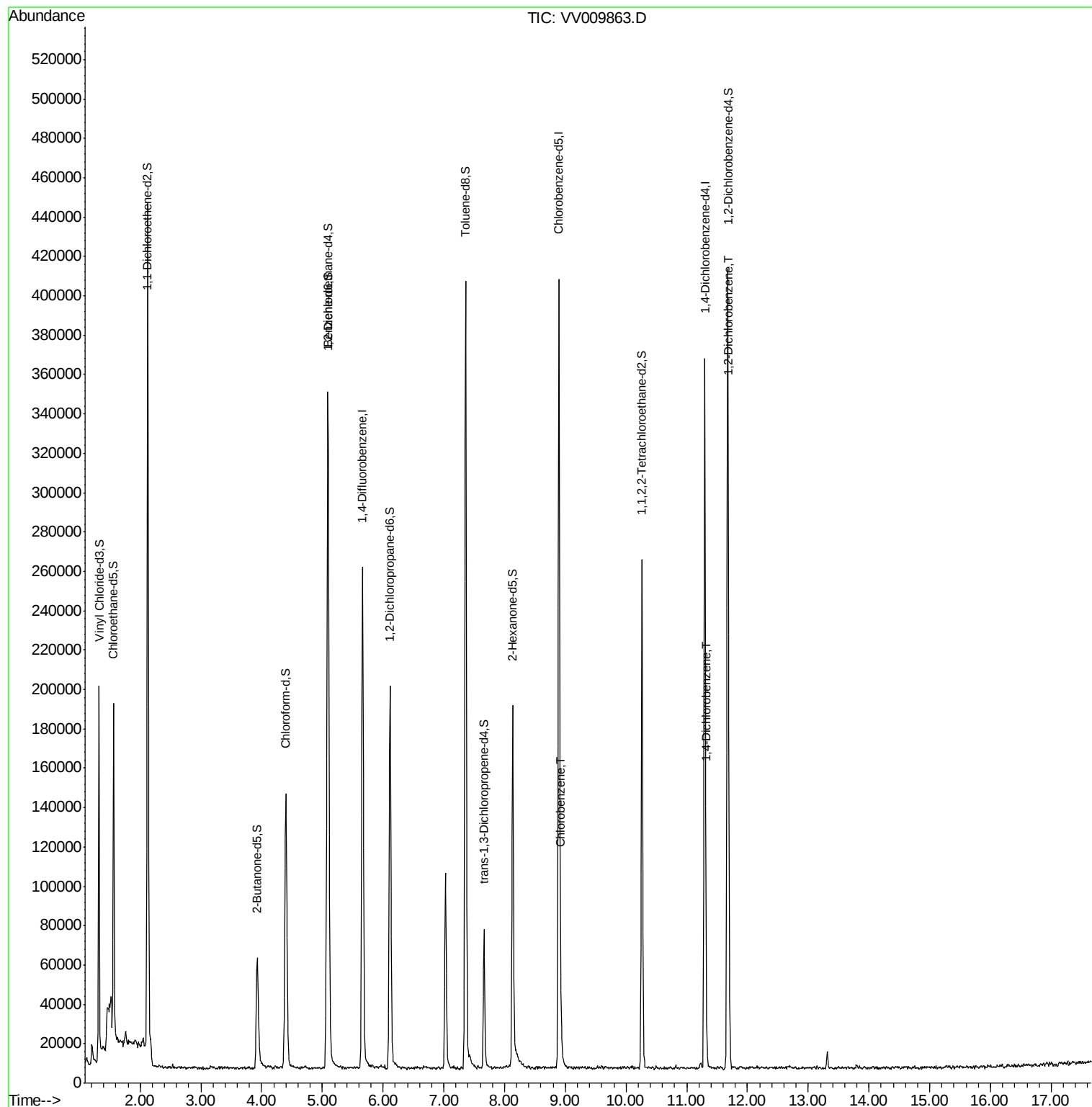
Target Compounds					Ovalue
51) Chlorobenzene	8.93	112	13494	2.970 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	4224	1.361 ug/L #	91
65) 1,2-Dichlorobenzene	11.69	146	30196	9.653 ug/L	94

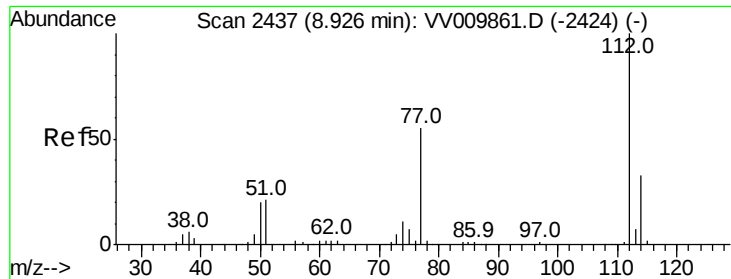
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009863.D
Acq On : 25 Mar 2019 16:20
Operator : SY/MD
Sample : K2070-18 400X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09F1

Quant Time: Mar 26 07:28:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration

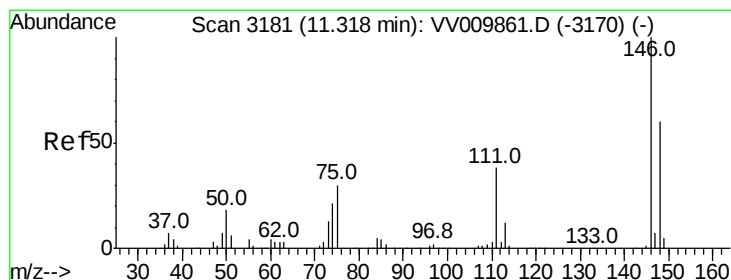
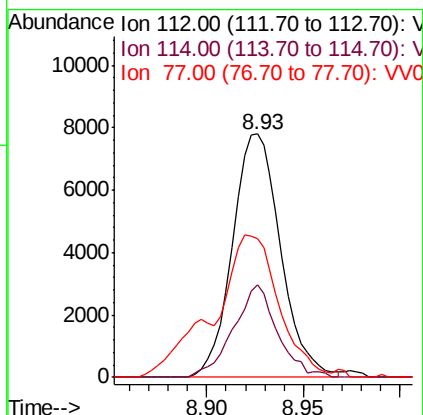
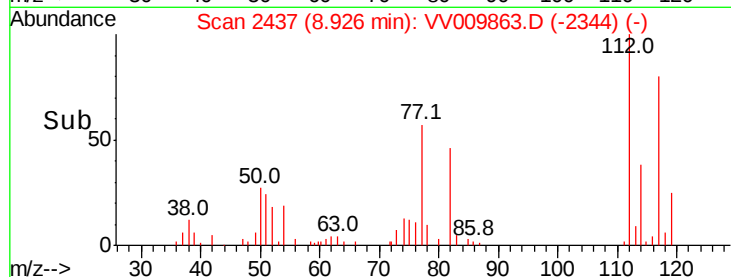
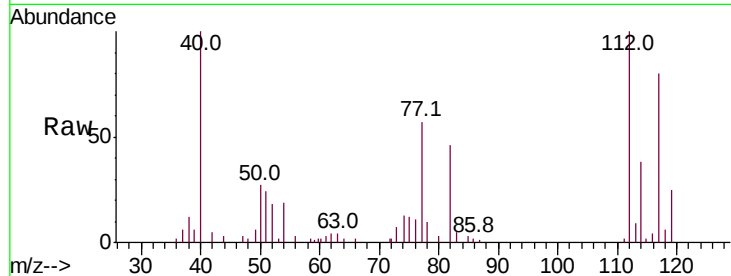




#51
Chlorobenzene
Concen: 2.970 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009863.D
Acq: 25 Mar 2019 16:20

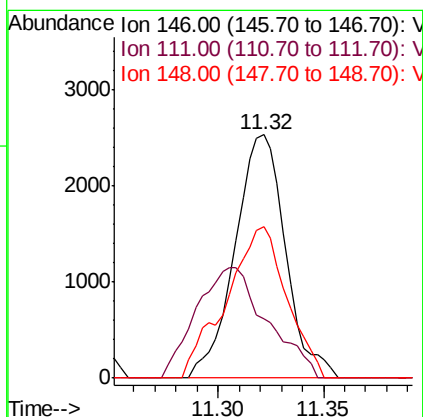
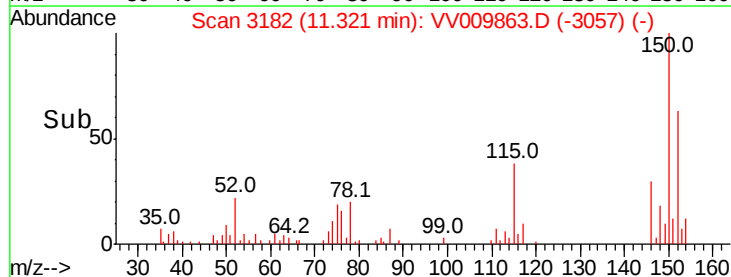
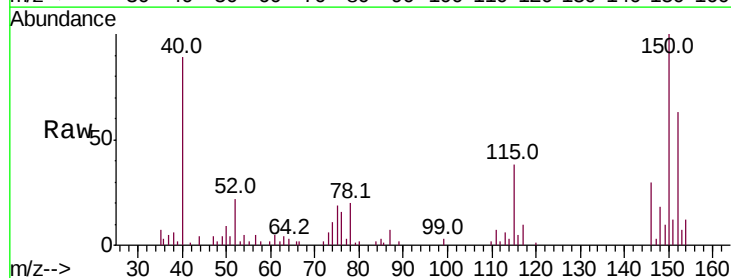
Instrument :
MSVOA_V
ClientSampled :
C09F1

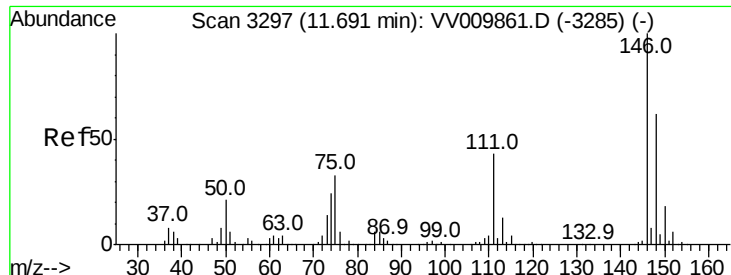
Tot Ion:112 Resp: 13494
Ion Ratio Lower Upper
112 100
114 37.8 23.3 43.3
77 56.9 45.8 68.6



#63
1,4-Dichlorobenzene
Concen: 1.361 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV009863.D
Acq: 25 Mar 2019 16:20

Tgt Ion:146 Resp: 4224
Ion Ratio Lower Upper
146 100
111 24.4 26.5 49.3#
148 62.4 43.2 80.2

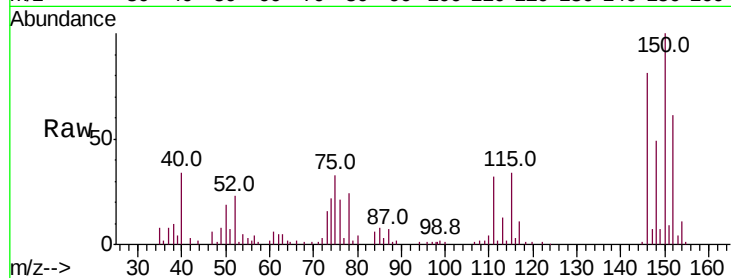




#65
 1,2-Dichlorobenzene
 Concen: 9.653 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009863.D
 Acq: 25 Mar 2019 16:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C09F1

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.0	49.6
148	60.1	53.2	79.8



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

