

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008719.D
 Acq On : 26 Nov 2018 18:14
 Operator : SY/MD
 Sample : VIBLK51
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK51

Quant Time: Nov 27 04:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	272722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100523	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76606	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.57	69	59061	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.38%
11) 1,1-Dichloroethene-d2	2.13	63	108927	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	3.93	46	147843	94.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.41	84	172826	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
26) 1,2-Dichloroethane-d4	5.08	65	118626	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.10	84	366334	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.12	67	116633	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.36	98	323754	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%
43) trans-1,3-Dichloropropene-	7.67	79	48828	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.13	63	96456	88.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	147516	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	110817	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

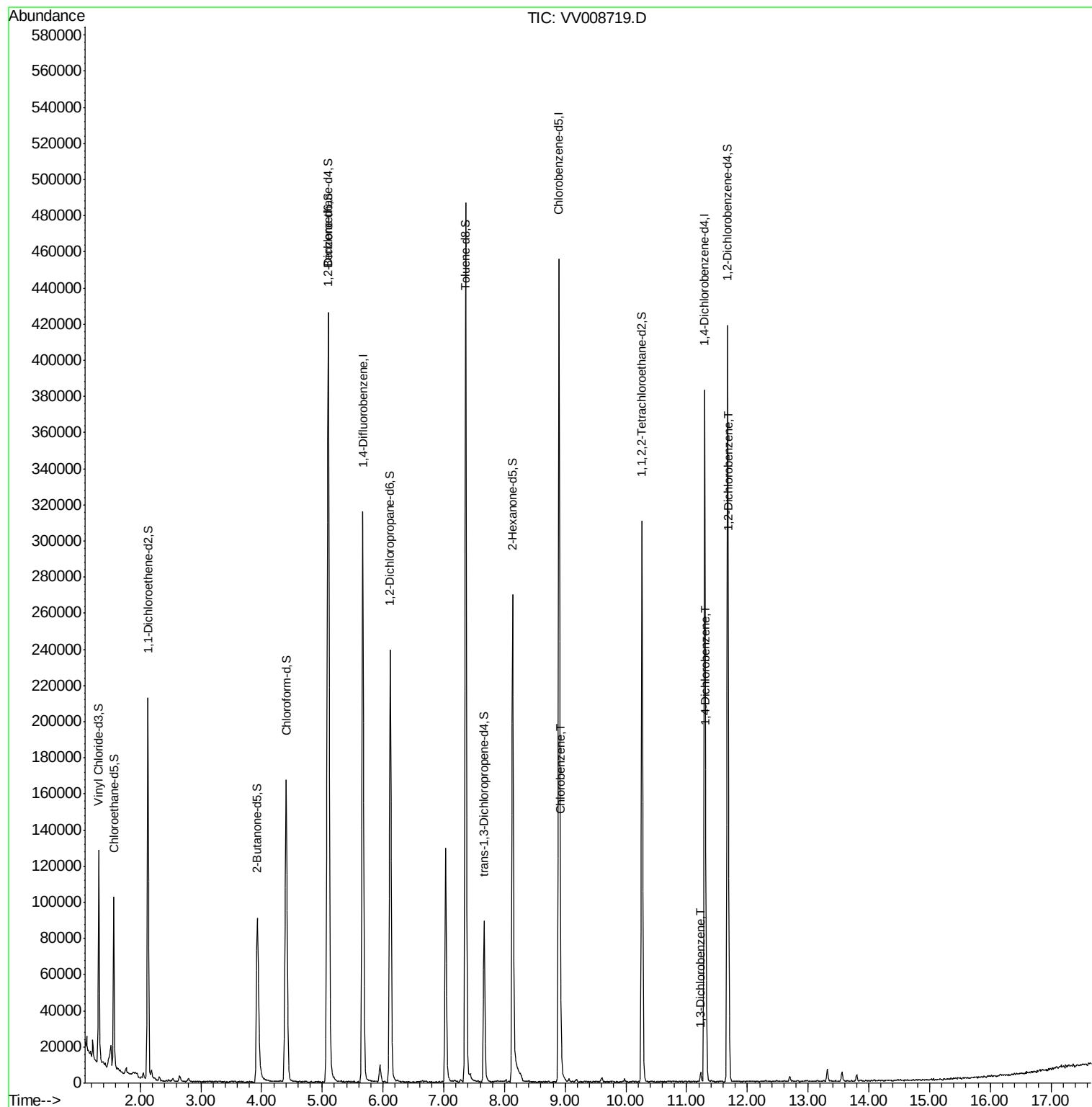
Target Compounds					Ovalue
51) Chlorobenzene	8.93	112	17233	3.250 ug/L	93
62) 1,3-Dichlorobenzene	11.23	146	2455	0.729 ug/L	89
63) 1,4-Dichlorobenzene	11.32	146	12968	3.778 ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	11787	3.390 ug/L	95

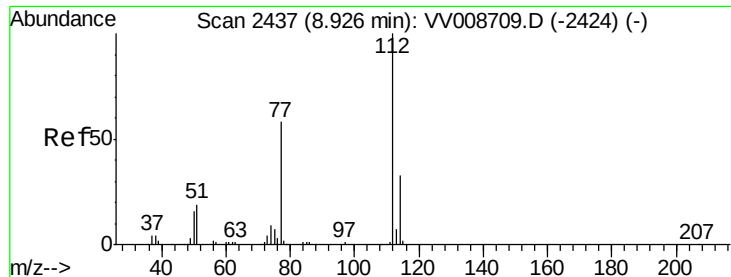
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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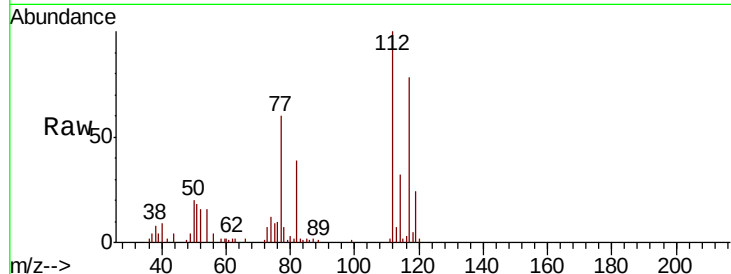




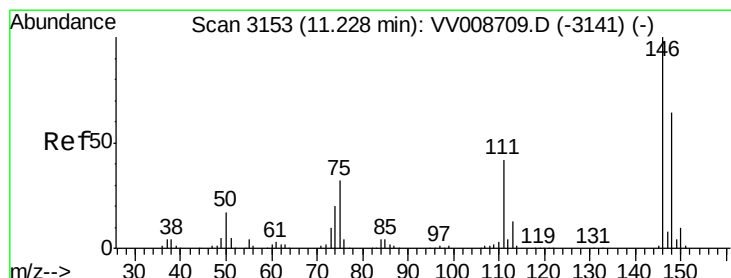
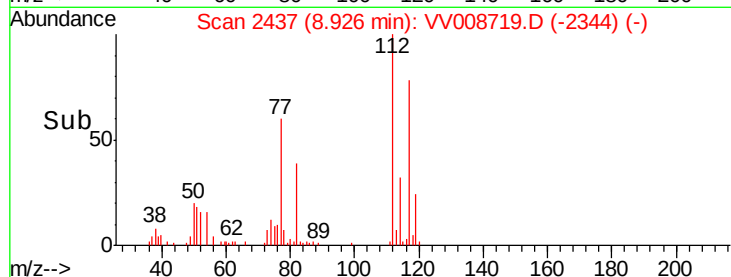
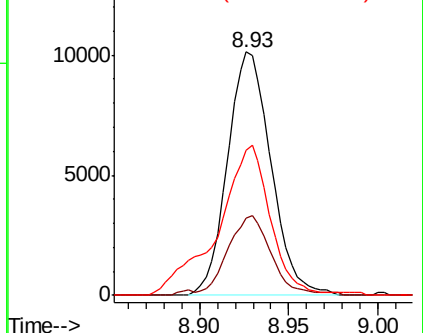
#51
Chlorobenzene
Concen: 3.250 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008719.D
Acq: 26 Nov 2018 18:14

Instrument :
MSVOA_V
ClientSampleId :
VIBLK51

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.9	42.5
77	59.8	53.8	80.6

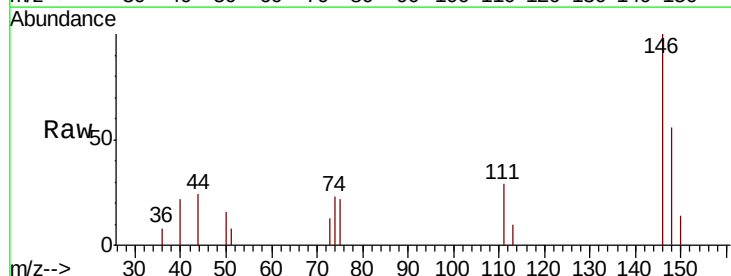


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

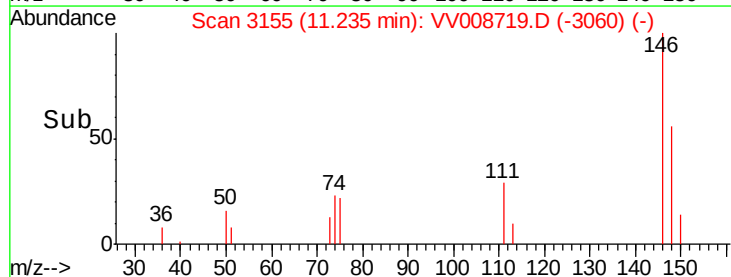
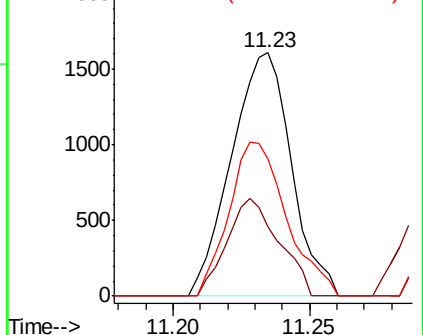


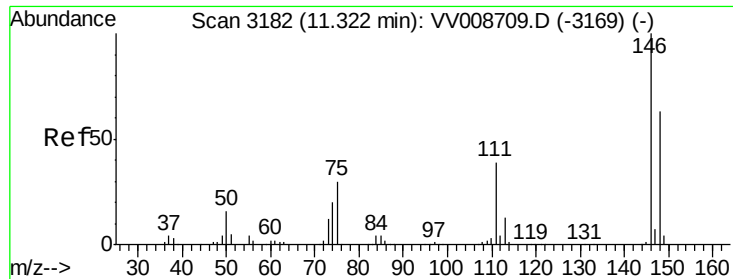
#62
1,3-Dichlorobenzene
Concen: 0.729 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.01 min
Lab File: VV008719.D
Acq: 26 Nov 2018 18:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	28.7	27.9	51.7
148	56.3	42.7	79.3



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

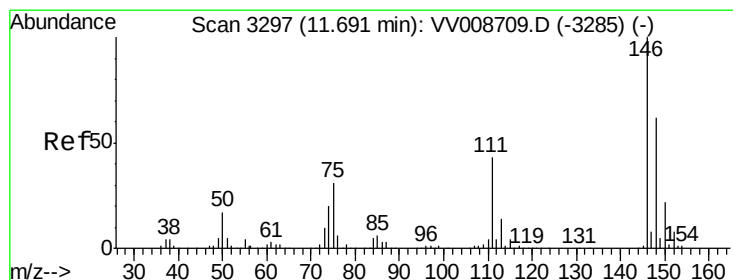
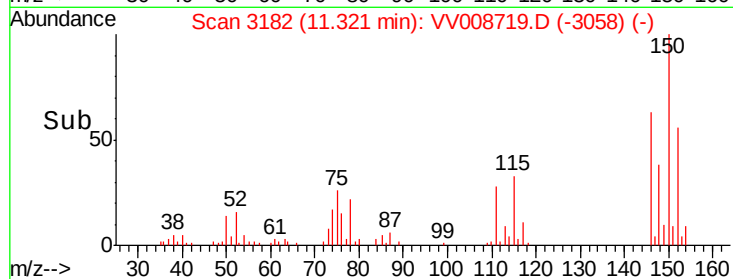
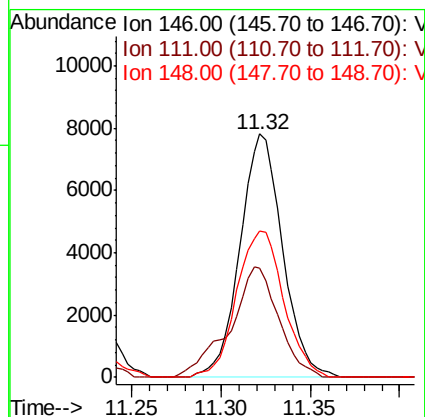
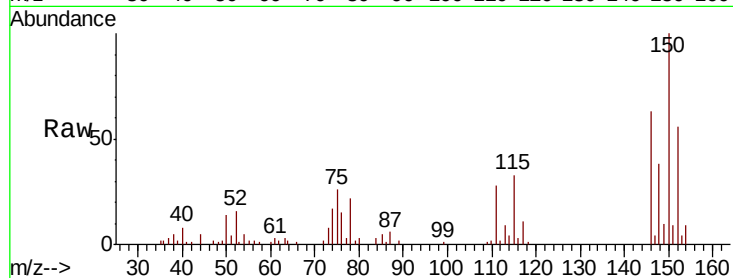




#63
 1,4-Dichlorobenzene
 Concen: 3.778 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008719.D
 Acq: 26 Nov 2018 18:14

Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK51

Tot Ion:146 Resp: 12968
 Ion Ratio Lower Upper
 146 100
 111 44.9 27.7 51.5
 148 60.2 46.4 86.2



#65
 1,2-Dichlorobenzene
 Concen: 3.390 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008719.D
 Acq: 26 Nov 2018 18:14

Tgt Ion:146 Resp: 11787
 Ion Ratio Lower Upper
 146 100
 111 41.2 36.5 54.7
 148 63.4 48.7 73.1

