

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012748.D
 Acq On : 14 Sep 2019 00:48
 Operator : SY/MD
 Sample : K4868-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMLO

Quant Time: Sep 14 02:38:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:58:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	745675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	699656	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	249758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199414	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.38%
7) Chloroethane-d5	1.58	69	187249	49.51	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.02%
11) 1,1-Dichloroethene-d2	2.13	63	299688	36.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.92%
21) 2-Butanone-d5	3.92	46	467286	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.40	84	507861	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	328291	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.10	84	966146	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
36) 1,2-Dichloropropane-d6	6.12	67	343257	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.22%
41) Toluene-d8	7.36	98	820962	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.66	79	133291	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
47) 2-Hexanone-d5	8.13	63	234042	92.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.59%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	382467	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	327306	57.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.84%

Target Compounds

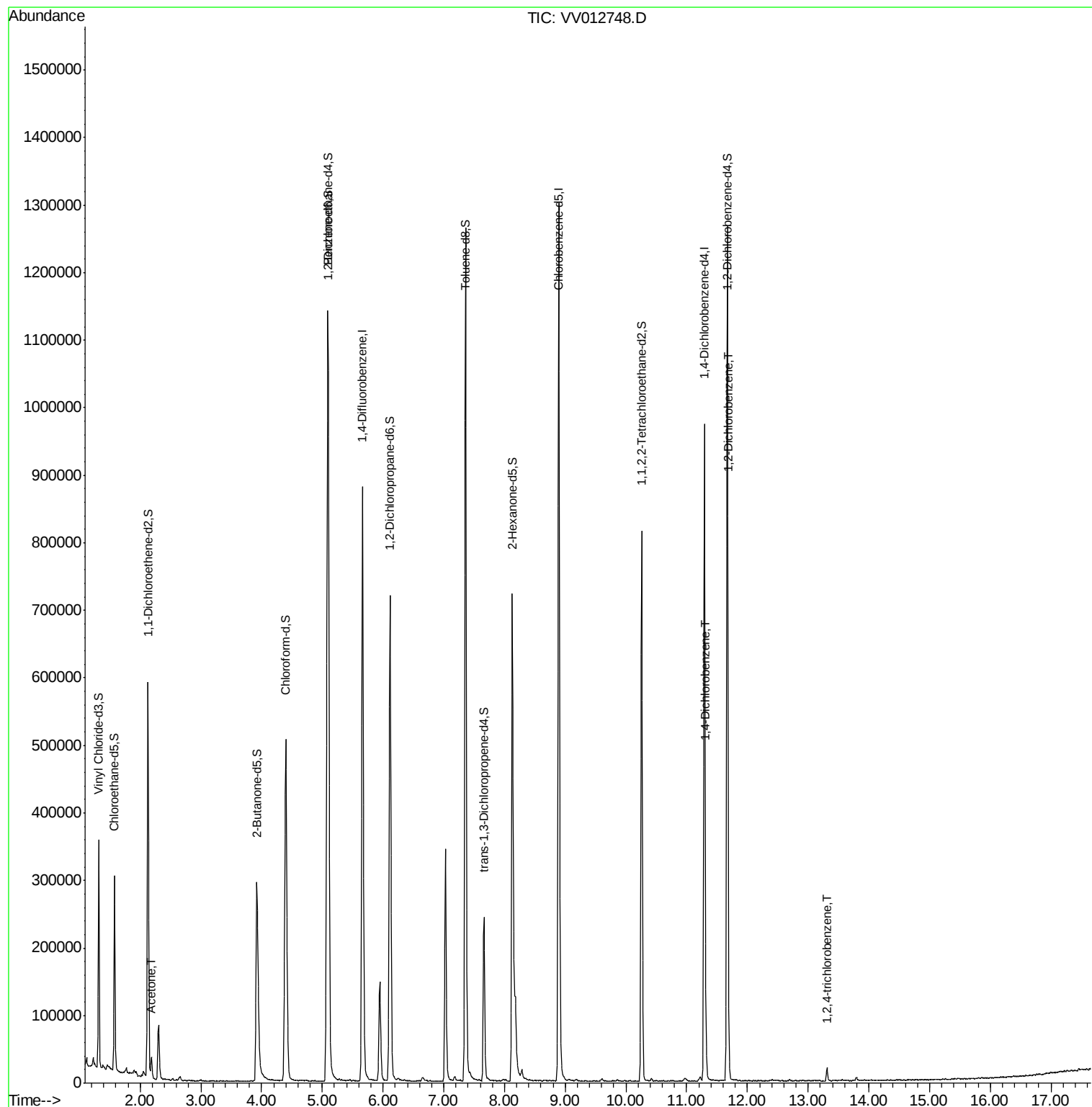
					Ovalue
13) Acetone	2.18	43	20162	5.573	ug/L 99
63) 1,4-Dichlorobenzene	11.31	146	18555	2.345	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	15791	1.947	ug/L 93
68) 1,2,4-trichlorobenzene	13.31	180	6208	1.289	ug/L 98

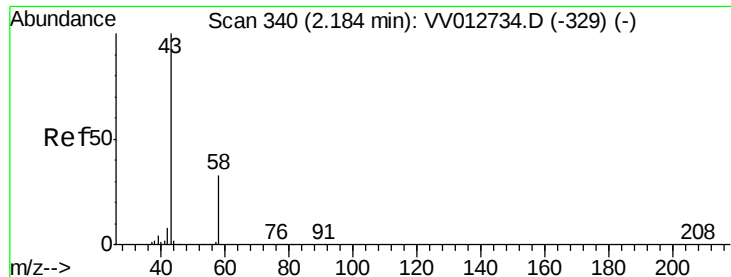
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.573 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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ClientSampleId :

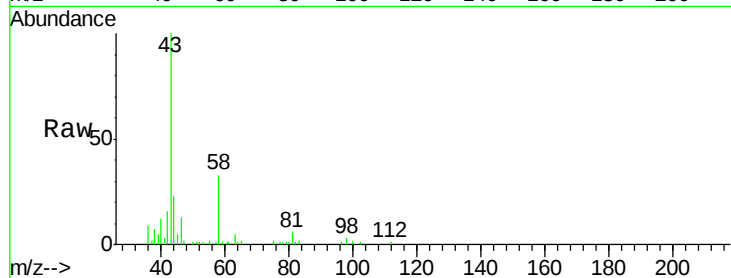
COMLO

Tot Ion: 43 Resp: 20162

Ion Ratio Lower Upper

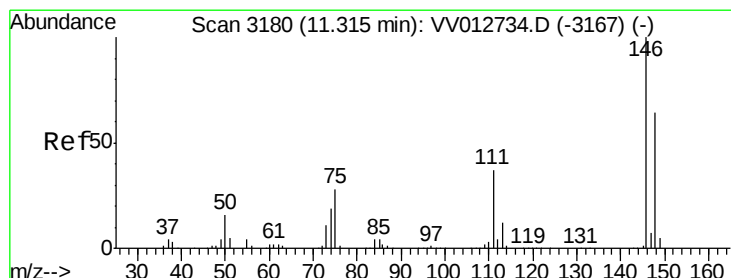
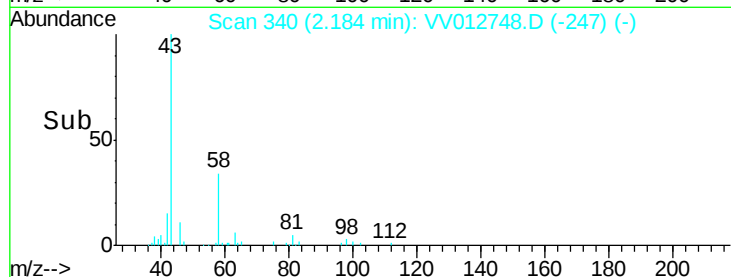
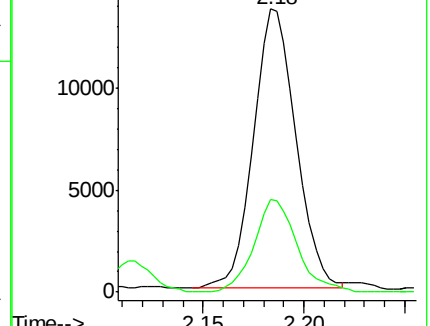
43 100

58 33.7 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV012734.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV012734.D (-329) (-)



#63

1,4-Dichlorobenzene

Concen: 2.345 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012748.D

Acq: 14 Sep 2019 00:48

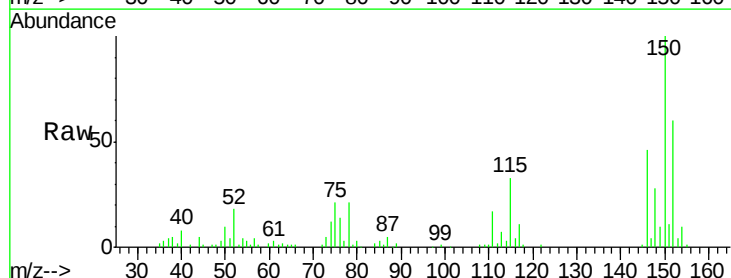
Tgt Ion: 146 Resp: 18555

Ion Ratio Lower Upper

146 100

111 36.0 26.2 48.8

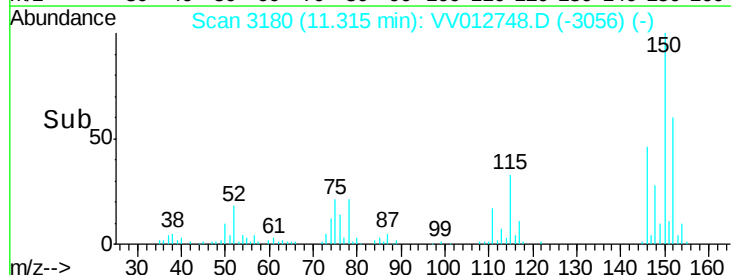
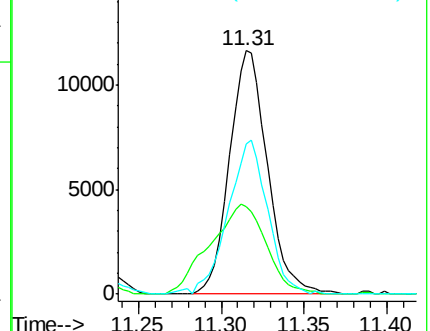
148 61.8 45.0 83.6

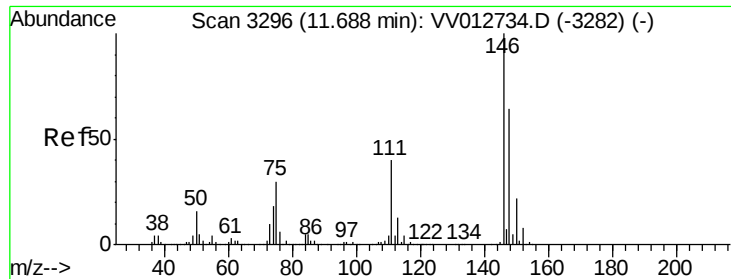


Abundance Ion 146.00 (145.70 to 146.70): VV012734.D (-3167) (-)

Ion 111.00 (110.70 to 111.70): VV012734.D (-3167) (-)

Ion 148.00 (147.70 to 148.70): VV012734.D (-3167) (-)





#65

1,2-Dichlorobenzene

Concen: 1.947 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

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Acq: 14 Sep 2019 00:48

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COMLO

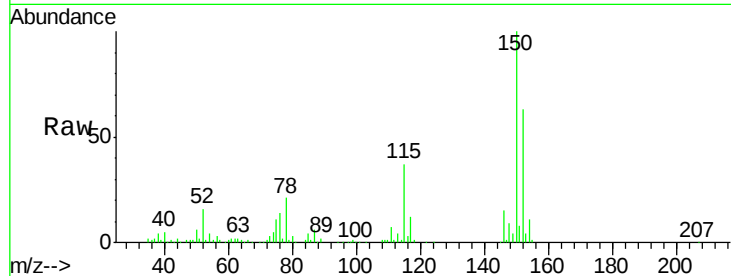
Tot Ion:146 Resp: 15791

Ion Ratio Lower Upper

146 100

111 45.4 32.2 48.2

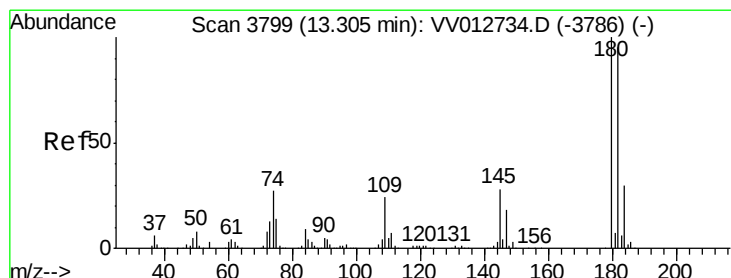
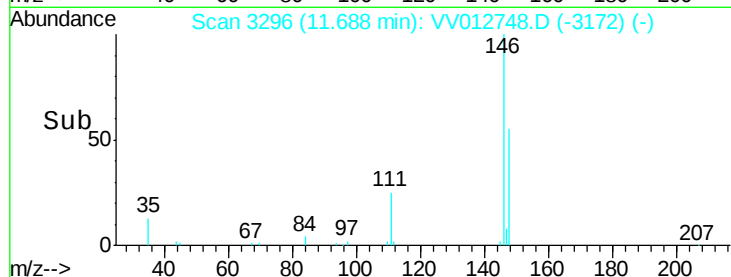
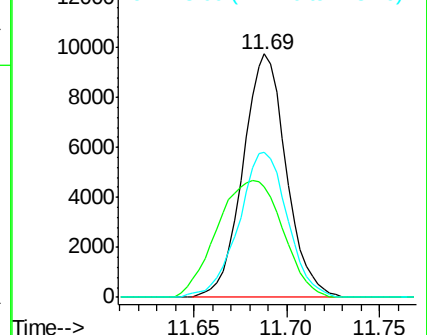
148 59.4 51.5 77.3



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



#68

1,2,4-trichlorobenzene

Concen: 1.289 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.00 min

Lab File: VV012748.D

Acq: 14 Sep 2019 00:48

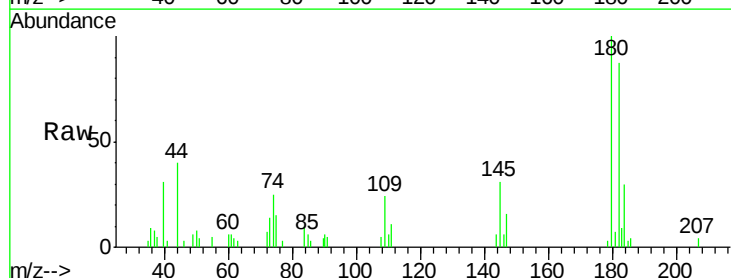
Tgt Ion:180 Resp: 6208

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

145 30.3 23.0 34.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

